

COPY C

SCIENCE AND ART DEPARTMENT  
OF THE  
COMMITTEE OF COUNCIL ON EDUCATION.

TABLES  
OF THE  
RESULTS OF A SERIES OF  
EXPERIMENTS  
ON THE  
STRENGTH OF BRITISH COLONIAL  
AND OTHER WOODS

EXHIBITED AT THE  
INTERNATIONAL EXHIBITION, 1862 : MADE AT THE  
SOUTH KENSINGTON MUSEUM BY  
CAPTAIN F. FOWKE, R.E.  
WITH HIS REPORT ON SIMILAR EXPERIMENTS IN 1855.



LONDON :  
PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,  
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY,  
FOR HER MAJESTY'S STATIONERY OFFICE.

1867.

VA.1867.0007

SCIENCE AND ART DEPARTMENT  
OF THE  
COMMITTEE OF COUNCIL ON EDUCATION.

---

TABLES  
OF THE  
RESULTS OF A SERIES OF  
EXPERIMENTS  
ON THE  
STRENGTH OF BRITISH COLONIAL  
AND OTHER WOODS

EXHIBITED AT THE  
INTERNATIONAL EXHIBITION, 1862 ; MADE AT THE  
SOUTH KENSINGTON MUSEUM BY  
CAPTAIN F. FOWKE, R.E.  
WITH HIS REPORT ON SIMILAR EXPERIMENTS IN 1855.



LONDON :

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,  
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.  
FOR HER MAJESTY'S STATIONERY OFFICE.

1867.

## P R E F A C E.

DURING the Paris International Exhibition of 1855 the late Captain Francis Fowke, Royal Engineers, carried out certain experiments for ascertaining a variety of qualities in woods from British Colonial Possessions, and other countries which were contributors to the Exhibition; and published the results in a Report which is appended to the present volume.

The woods were exhibited either as applicable to useful and scientific purposes, or as worthy specimens of native timber.

After the London Exhibition of 1862 he conducted similar experiments on woods then exhibited. The present volume contains a full and detailed account of them. They extended over a very considerable period of time, and were conducted with much care and attention on the part of those who assisted Captain Fowke in his operations.

Upwards of 3000 pieces of wood were experimented upon.

Messrs. Hayward Tyler and Co. of Upper Whitecross Street, London, having kindly placed at the disposal of the Science and Art Department a handy hydraulic press for the purpose, the experiments were uniformly conducted with this machine, which was regulated for a variety of purposes, and which from its sensitiveness and precision rendered the operations all the more satisfactory. The pressure exerted upon the pieces of wood tested was indicated by one dial on the press, whilst another dial was arranged to indicate, in one-thousandths of an inch, the deflection and other features exhibited by the woods at every 1120 lbs., or half ton weight of pressure exerted by the hydraulic machine.

It should be observed that in every instance the experiments were conducted upon one uniform system, and the results for pressure exerted by the press on the woods, as well

as the effect by deflection from such pressure, was noted throughout each experiment undertaken at every additional half ton weight (1120 lbs.) of strain, or part of such half ton weight of strain, applied.

The pieces of wood were all carefully cut to one standard length of 16 inches, and squared as nearly as possible, in every instance, to two inches.

Whenever the piece of wood would not run to two inches square, it has been noted in Table II., the table of experiments for ascertaining the breaking weights; and in the summary of these experiments, Table III., it should be observed that a calculation has been made upon such pieces as were in any degree less than the standard measure, so as to bring the order of the breaking weights applied relatively to the one uniform measurement for each piece of wood, viz., 16 inches long and two inches square.

The bearings for the woods were 12 inches apart in the clear, between which the hydraulic press exerted its force centrally.

In the experiments for ascertaining the crushing weights both in the direction of the fibre of the wood and transversely of it (Tables IV. and VI.), the pieces were all cut to one standard measure, a cube of one inch. Tables V. and VII. give the result of these crushing experiments in order, with the number of experiments on each wood. The mean crushing weights deduced from them will be found Tables IV. and VI.

Table VIII. shows details of a series of experiments for ascertaining the elasticity of the woods, or more properly the recovery of the woods from deflection on the removal of every additional 1120 lbs. put upon them. For these experiments the woods were operated upon under similar conditions to those referred to above in the experiments for ascertaining the breaking weights.

Table IX. will be found to form a general summary or guide to the whole of the other experiments. Thus any details of the experiments themselves can be readily found by

means of this general index table, which gives a summary of them.

For example—

No. of Specimen.	Name.	Colony.	Table I.		Table II.		Table III.	
			Specific Gravity.	Distilled Water being 1'000.	Actual Breaking Weight.	Mean Breaking Weight.	lbs.	Page.
20 A.	Pinus Picea	Austria						
20 B.	Do.	Do.	0'408	10	784	13	..	..
20 C.	Do.	Do.	"	"	1,036	"	..	..
20 D.	Do.	Do.	"	"	1,764	"	..	..
21 A.	Do.	Do.	"	"	1,083	"	..	..
			0'420	"	1,717	"	..	..

and so on with Tables IV., V., VI., VII., and VIII.

The names of the countries, from which the specimens of woods operated upon were procured, are placed in alphabetical order in the Tables as far as they could be so arranged. This, it is hoped, will render the book more easy for reference.

An Index is supplied, showing the pages on which will be found the several tables of experiments, with the detail of their object and purpose.

HENRY SANDHAM,

Keeper in charge of the  
Collections of Construction.

South Kensington,  
June 1867.

## INDEX TO TABLES OF EXPERIMENTS.

	Page
TABLE I.—Specific Gravity - - - -	1
TABLE II.—Breaking Weights - - - -	12
TABLE III.—Order of Breaking Weights - -	72
TABLE IV.—Crushing Weights in the direction of the Fibre - - - -	81
TABLE V.—Order of Crushing Weights in the direction of the Fibre - - - -	134
TABLE VI.—Crushing Weights in a transverse direction of the Fibre - - - -	145
TABLE VII.—Order of Crushing Weights in a transverse direction of the Fibre - - - -	202
TABLE VIII.—Experiments for ascertaining the Recovery from Deflection - - - -	212
TABLE IX.—General Summary - - - -	243

# TABLES.

## TABLE I.—SPECIFIC GRAVITY.

*In this Table the Woods are arranged in the Order of their Specific Gravity.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1'000.
341 A.	Iron Wood - - -	Jamaica - - -	1'254
9 A. B.	Swamp Oak - - -	Queensland - - -	1'240
13 A. B.	Bullet Wood - - -	British Honduras - - -	1'230
121 A. B. A. G. A. D.	Weeping Myall - - -	Queensland - - -	1'228
345 A. B.	Wild Orange - - -	Jamaica - - -	1'211
65 A. B. A. G. A. D.	Red Iron Bark - - -	Queensland - - -	1'204
17 A.	Sapodilla - - -	British Honduras - - -	1'204
1 A. B. C. D.	White or Pale Iron Bark - - -	New South Wales (South) - - -	1'204
339 A. B. C. D.	Naseberry Bullet Tree - - -	Jamaica - - -	1'201
212 A. B.	Jamaica Ebony (Black Heart varieties). - - -	Do. - - -	1'183
8 A. B.	Iron Bark - - -	New South Wales (Hunter River). - - -	1'193
3 A. B. C.	Do. - - -	New South Wales (South) - - -	1'192
21 A. B. C. D.	Caoutchouc - - -	British Honduras - - -	1'192
243 A. B.	Acoma or Mastic - - -	Trinidad - - -	1'190
90 A. B.	N. O. Pittisporaceae - - -	Queensland - - -	1'190
7 A. B. C. D.	Narrow-leaved Smooth or Red Iron Bark. - - -	New South Wales (South) - - -	1'187
28 A. B. C.	- - -	Victoria - - -	1'116
265 A. B.	Red Mangrove - - -	Trinidad - - -	1'182
29 A. B. A. G. A. D.	Lignum Vitæ - - -	Queensland - - -	1'182
11 A. B. C. D.	Bastard Box of Illawarra - - -	New South Wales (South) - - -	1'117
20 A. B. C. D.	Guamara or Tonka - - -	British Guiana - - -	1'174
2 A. B.	Ebony? White Iron Bark (Black Heart variety). - - -	New South Wales (South) - - -	1'173
216 A. B. C. D.	Dog Wood - - -	Jamaica - - -	1'170
3 A. B. C.	Iron Bark - - -	New South Wales (South) - - -	1'163
77 A. B.	Iron Bark of the Clarence - - -	Do. do. (North) - - -	1'157
2 A.	Iron or Beef Wood - - -	Ceylon - - -	1'157
10,373 A.	Gnoo Shwoay - - -	East India - - -	1'151
10,473 A. B. C.	Nat Gyee - - -	Do. - - -	1'149
2,468 A.	Pannaga - - -	Do. - - -	1'148
4 A. B. C. D.	Broad-leaved Rough Iron Bark. - - -	New South Wales (South) - - -	1'148
319 A. G. A. D. B. A. D. B. C. B. A. C. C. B. E. A. E. B.	Cocca Nut - - -	Jamaica - - -	1'148
13 A. B. C. D.	Bastard Box - - -	New South Wales (South) - - -	1'143
122 A. B. A. G. A. D.	Bricklow - - -	Queensland - - -	1'144
5 A. B. C. D.	Iron Bark - - -	New South Wales (South) - - -	1'193
237 A. B.	Sapodilla, Sapotillier - - -	Trinidad - - -	1'138
12 D.	Gomphan - - -	New South Wales (North) - - -	1'137
3 A. B. C.	Iron Bark - - -	Do. do. (South) - - -	1'134
21 A. B. C. D.	Blue Gum - - -	Do. do. do. - - -	1'134
216 A.	Purple Heart - - -	Trinidad - - -	1'133
350 A. B.	Green Heart - - -	Jamaica - - -	1'132
67 A. B. A. G. A. D.	Spotted Gum - - -	Queensland - - -	1'133
15 A. B. C.	Musk Tree - - -	Victoria - - -	1'132
297 A. B. C. D.	Red Heart - - -	Jamaica - - -	1'131
63 A. B. A. G. A. D.	Black Iron Bark - - -	Queensland - - -	1'129
1 A. B. C. D.	Peppermint Tree - - -	Victoria - - -	1'127
61 A. B. A. G. A. D.	N. O. Myrtaceae - - -	Queensland - - -	1'127
4 A. B.	Canasin - - -	British Honduras - - -	1'124
355 A. B.	Black Rose Wood - - -	Jamaica - - -	1'124
9 A. B. C. D.	Narrow-leaved Iron Bark - - -	New South Wales (South) - - -	1'124

TABLE I.—continued.

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1.000.
257 B. C.	Pui	Trinidad	
17 A. B. C. D.	Dthackai Courroo	New South Wales (South)	1.120
25 A. B. C. D.	Rough-barked Gum	Do. do. do.	1.120
79 A. B. AG. AB.	Common Tea Tree	Queensland	1.117
18 A. B.	Boxwood	Liberia	1.116
34 A. B. C. D.	Iron Bark Tree	Victoria	1.114
22 A. B. C. D.		Do.	1.112
10 A. B. C. D.		Do.	1.112
AG. AB. AC. AD.	Woolly-but	Do.	1.113
4,754 A. B.	Iron Wood		1.105
72 A. B. AG. AB.	Woolly Butt	East India	
2 A. B.	White Iron Bark	Queensland	1.104
8 A. B. C. D.		New South Wales (South)	1.101
29 A. B. C. D.		Victoria	1.100
AG. AB. AC. AD. A. B. C.		Do.	1.099
536 A. B. C.	Blue Gum		1.095
37 A. B. C. D.	Eucalyptus Sp.	Tasmania	1.095
64 A. B. AG. AB.	Grey Iron Bark	New South Wales (South)	1.093
44 A. B. AG. AB.	Tulip Wood	Queensland	1.093
16,258 A. B.	Gangan	Do.	1.091
6 A. B. AG. AB.	Forest Oak	East India	1.091
117 A. B. AG. AB.	Rosewood	Queensland	1.090
91 A. B.	Crab Tree	Do.	1.090
558 A. B. C.	White Rose Wood	Do.	1.088
2 A. B.	Cranadilla	Jamaica	1.087
5,603 A.	Assán	British Honduras	1.087
23 A. B.	Grey Gum	East India	1.087
38 A. B. C. D.	Grey Gum, from Brisbane Water.	New South Wales (South)	1.084
14 A. B. C. D.	Bastard Box	Do. do. do.	1.083
8 A.	Pimento	Do. do. do.	1.083
5,602 A.	Abloos or Kándoo	British Honduras	1.080
221 A. B.	Guafamaro	East India	1.080
53 A. B. C. D.	Grey Box	Trinidad	1.079
3 A.	Grey Gum (Hunter River)	Victoria	1.079
97 A. B.	Sersalisia Sericea	New South Wales	1.077
16 A. B. C. D.	Box of Illawarra	Queensland	1.077
3 A. B. C. D.	Chicheur	New South Wales (South)	1.077
100, 109, B. C.	Woolly Butt	British Honduras	1.074
24 A. B. AG. AB.	Broad-leaved Cherry	Victoria	1.071
5,953 A.	Kohmie	Queensland	1.070
12 A. B. C.	True or Yellow Box of Camden	East India	1.070
223 A. B. C. D.	Braziletto	New South Wales (South)	1.069
5 A. B. C. D.	Bastard or White Box	Jamaica	1.067
15 A. B. C.	Box	New South Wales (North)	1.065
16 A. B. C. D.	Burnish Bully or Bullet Tree	Do. do. (South)	1.065
5,609 A.	Keechar	British Guiana	1.062
26 A. B. C. D.		East India	1.060
AB. AC. AD.	Greenheart	British Guiana	
64 A. B.	Tea Tree		1.060
374 A. B. C. D.	Blue Gum	New South Wales (North)	1.058
120 A. B.	Acacia Sp.	Tasmania	1.058
71 AG. AB.	Swamp Mahogany	Queensland	1.057
71 A. B.	Swamp Oak	Do.	1.056
16 A. B.	Subin or Cubin	New South Wales (North)	1.022
20 A. B.	Blue Gum	British Honduras	1.053
68 A. B. AG. AB.	Turpentine Tree	New South Wales (South)	1.050
5 A. B.	Iron Bark (from Hunter River).	Queensland	1.048
2 AG. AB. AC. AD.	Grey Box Tree	New South Wales	1.047
19 A. B. C. D.	Blue Gum of Camden	Victoria	
1,229 A. B.	Unjun	New South Wales (South)	1.044
7,520 A.		East India	1.043
1 A. B. C.	Siricote	Do.	1.040
10 A. B. C. D.	Box of Illawarra	British Honduras	1.037
2,471 A.	Kasso	New South Wales (South)	1.035
66 A. B. AG. AB.	Stringy Bark	East India	1.033
85 A. B. C.	Peppermint	Queensland	1.032
75 A. B. AG. AB.	Tamarind	Tasmania	1.028
		Queensland	1.027

TABLE I.—continued.

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1'000.
2,345 A.	Tenasserim Mahogany	East India	1'026
262 A. B. C. D.	Alivier	Trinidad	1'025
147 A.	Terruvah	East India	1'026
201 A. B. C.	Red Candle Wood	Jamaica	1'026
11 A.	Chucya	British Honduras	1'026
104 A. B. C.		East India	1'025
71 A. B.	Swamp Oak	New South Wales (North)	1'022
40 A. B. C. D.	Messmate	Do. do. (South)	1'024
80 A. B. Aa. Ab.	Bottle Brush Tree	Queensland	1'022
10,367 A. B.		East India	1'020
46 D.		Victoria	1'019
252 A. B. C.	White Mangrove	Jamaica	1'017
220 A. B.	Casse	Trinidad	1'017
6 B.	Mahogany (Hunter River)	New South Wales	1'016
1 A.	Blue Gum (Hunter River)	Do. do.	1'016
3,961 A.	Mowah	East India	1'013
214 A. B. C. D.	Savoneth Jaune	Trinidad	1'013
109 A. B. Aa. Ab.	Olive Tree	Queensland	1'012
44 A. B.	Mahogany	New South Wales (South)	1'009
54 A. B.	Turpentine	Do. do. do.	1'008
48 A. B. C. D.	Stringy Bark, Camden	Do. do. do.	1'008
40 A. B. C.	Uroobie	Do. do. (North)	1'006
26 S.	Spotted or Mottled Gum	Do. do. (South)	1'006
80 A.		East India	1'006
64 A. B.	Broad-leaved Tree	New South Wales (South)	1'004
3 A. B.	Coast Tea Tree	Victoria	1'004
48 A. B. Aa. Ab.	Cymnosma Oblongifolia	Queensland	1'004
115 A. B.	Acacia	Do.	0'999
10,390 A. B.	Htonkgyan	East India	0'999
55 A. B.	Water Gum	New South Wales (South)	0'999
55 A. B. Aa. Ab.	Backhousia Citriodora	Queensland	0'998
113 A. B. Aa. Ab.	Mangrove	Do.	0'998
105 A. B.	River or White Oak	New South Wales (South)	0'997
10,477 A. B. C.	Kay Yoob	East India	0'997
4,665 A.	Kowah	Do.	0'996
103 A. B.	Grey Gum	New South Wales (North)	0'996
7 A. B. C.		Victoria	0'994
20 A. B. C.	Iron Wood	Liberia	0'993
4 A. B.	Monkey nut	British Guiana	0'992
16 A.	Thurambia Flooded Gum	New South Wales (South)	0'992
23 A. B. Aa. Ab.	Mountain Ash	Queensland	0'990
40 A. B. Aa. Ab.	Capania Sp.	Do.	0'990
2 A. B. C. D. Aa. Ab. Ac. Ad.	} Grey Box Tree	Victoria	0'988
18 A. B. C.	Blue Gum of Coast districts	New South Wales (South)	0'986
106 A. B. Aa. Ab. Ba. Bb. Ca. Cb.	} Gerjeria Salicifolia	Queensland	0'985
12 A. B. Aa. Ab.	Flindosa	Do.	0'986
20 A. B. Aa. Ab. Ba. Bb.	} Callhum	Do.	0'984
58 A. B. Aa.	Myrtle	Do.	0'986
114 A. B.	Brush Iron Bark	New South Wales (North)	0'982
28 A. B. C. D.	Native Plum	Do.	0'982
74 A. B.	White Myrtle	Do.	0'982
88 A. B.	Found in the Brush Forests on the Clarence.	Do.	0'982
111 A. B. Aa. Ab.	Notelaea Longifolia	Queensland	0'978
10 A. B. C.	Cedar	Liberia	0'978
10,376 A.	Yin-dike	East India	0'976
160 A. B.	White Lance Wood	Jamaica	0'976
219 A. B. C. D.	Tamarind	Trinidad	0'973
558 C. For A. B. C.	} Blue Gum	Tasmania	0'973
24 A. B.	Woolly Butt of Ilawarra	New South Wales (South)	0'972
10,485 A. B. C.	Padouk	East India	0'972
280 A. B. C. D.	Gempa	Trinidad	0'971
106 A. B.	Iron Wood	New South Wales (North)	0'970
44 Aa. Bb. Cc. Dd.	} Mahogany	Do.	0'970
10,362 A. B.	Gyo	East India	0'969
7,629 A. B.	Boom Mai Za	Do.	0'969
108 A. B. Aa. Ab.	Canthium Lamprophyllum	Queensland	0'969

TABLE I.—continued.

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
111 A. B. C. D.	Water Gum - - -	New South Wales (North)	0·968
276 A. B.	Guatcare - - -	Trinidad - - -	0·969
5,610 A.	Koozoon - - -	East India - - -	0·965
N.S.W. 46/12.	Stringy Bark of Coast -	New South Wales (South)	0·965
196 A. B.	Beefwood - - -	Trinidad - - -	0·964
16 A.	Flooded Gum - - -	New South Wales (South)	0·964
328 A. B.	Black Bullet Tree - - -	Jamaica - - -	0·962
10,386 A.	Nabbay - - -	East India - - -	0·962
145 A.	Bou - - -	Do. - - -	0·962
15a. B. C. D.	Mora - - -	British Guiana - - -	0·961
84 A. B.	Black Wattle of Illawarra -	New South Wales (South)	0·961
70 A. B.	Myrtle - - -	Do. - - -	0·961
10,489 A. B.	Kya Ya - - -	East India - - -	0·959
67 A. B.	Nono Gynandrie - - -	New South Wales (North)	0·959
102 A. B. C. D.	Flooded Gum - - -	Do. - - -	0·958
10,348 A. B.	Petwoon - - -	East India - - -	0·958
63 A. B.	Flintamendosa - - -	New South Wales (North)	0·956
57 A. B.	Iron Wood - - -	Queensland - - -	0·956
70 A. B. Aa. Aß.	Blood Wood - - -	Do. - - -	0·955
60 A. B.	Hickory Lignum Vitæ -	New South Wales (North)	0·954
371 A. B. C. D.	White Torch - - -	Jamaica - - -	0·953
363 A.	Beech Wood - - -	Do. - - -	0·952
36 A. B. Aa. Aß.	Pseudalangium Tomentosum -	Queensland - - -	0·952
42 A. B. C.	Swamp Mahogany - - -	New South Wales (South)	0·951
222 A. B. C. D.	Palo Mulato - - -	Trinidad - - -	0·951
210 A. B. C.	Casuariana Equisitifolia -	Jamaica - - -	0·949
14 A. B.	Tastab - - -	British Honduras - - -	0·948
6 A. B. C.	Eucalyptus (found at Buffalo River) -	Victoria - - -	0·947
27 A. B. C. D.	Black Butt Gum - - -	New South Wales (South)	0·946
10,491 A. B.	Zangyecat-doup - - -	East India - - -	0·946
46 A. B. C. D.	Stringy Bark of Coast -	New South Wales (South)	0·946
104 A. B. Aa. Aß.	} - - -	Queensland - - -	0·944
164 A. B. C. D.	Blood or Iron Wood -	Jamaica - - -	0·942
13 A. B.	Wobul - - -	New South Wales (North)	0·939
53 A. B. Aa. Aß.	Myrtus Trinervis - - -	Queensland - - -	0·939
54 A. B.	Schmidelia Pyriformis -	New South Wales (North)	0·939
77 A. B.	Broad-leaved Tea Tree -	Queensland - - -	0·939
407 A.	Star Apple - - -	Jamaica - - -	0·938
11 A. B. C.	Black Gum - - -	Liberia - - -	0·938
218 A. B. C. D.	Naraujillo Amarillo - - -	Trinidad - - -	0·938
38 A. B. C. D.	Native Cherry Tree - - -	Victoria - - -	0·938
21 A. B.	Cabbage Tree - - -	Queensland - - -	0·937
53 A. B.	Carissa Ovata - - -	New South Wales (North)	0·935
1 A.	Halmollih - - -	Ceylon - - -	0·935
137 A. B.	Wallandun Deyern - - -	New South Wales (South)	0·935
10,410 A. B.	Hteingalah - - -	East India - - -	0·935
9 A.	Blue Gum (Hunter River) -	New South Wales - - -	0·935
4 A.	Cypress Pine - - -	Queensland - - -	0·935
110 A. B. Aa. Aß.	} Ixorea Thozetiana - - -	Do. - - -	0·932
373 Ca. Cß. Cc.	(For 11 specimens) Stringy Bark. -	Tasmania - - -	0·932
2 A. B. C. D. Aa. Aß. Aa. Aß.	} Grey Box Tree - - -	Victoria - - -	0·929
36 A. B. C. D.	White Gum Tree - - -	Do. - - -	0·929
363 A. B. C. D.	Gum Topped Stringy Bark or White Gum. -	Tasmania - - -	0·929
10,357 A.	Theya - - -	East India - - -	0·928
10,382 A.	Pouktheuma-Meyck-Kyouk -	Do. - - -	0·925
228 A. B.	Yellow Candle Wood - - -	Jamaica - - -	0·923
24 Aa. Aß.	Schmidelia Pyriformis -	Hungary - - -	0·922
45 A. B. Aa. Aß.	Stringy Bark Berrina - - -	Queensland - - -	0·920
46 A. B. C. D.	Box of Illawarra - - -	New South Wales (South)	0·920
No. 10/9.	Bat and Ball, Native Orange? -	Do. do. (North)	0·918
43 A. B.	Native Pomegranate. -	Do. - - -	0·917
54 A. B. Aa. Aß.	Myrtus Argentea - - -	Queensland - - -	0·916
42 A. B. C. D.	} - - -	Victoria - - -	0·916
Aa. Aß. Aa. Aß.	} - - -	Victoria - - -	0·916
69 A. B. Aa. Aß.	Smooth-barked Gum - - -	Queensland - - -	0·915

TABLE I.—continued.

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1'000.
267 A. B. C. D.	White Bully Tree	Jamaica	0'914
364 A. B.	Peppermint	Tasmania	0'913
62 A. B. A. G. A. D.	Black Iron Bark	Queensland	0'912
217 A. B.	Locust	Trinidad	0'912
60 A. B. C.	Common Tea Tree	New South Wales (South)	0'911
4,680 A.	Surrye	East India	0'911
10,379 A. B.	Padouk	Do.	0'908
19 A. B. A. G. A. D.	Lightwood	Queensland	0'906
32 A. B. A. G. A. D.	Plum Tree	Do.	0'906
99 A. B.	Found in Brush forests on the Clarence.	New South Wales (North)	0'905
94 A. B.	Silver Tree	Queensland	0'905
44 A. B.	Booth Mahogany	New South Wales (South)	0'905
7,514 A. B.	"	East Indies	0'905
6 A. B. C. D.	Red Box	New South Wales (North)	0'903
372 A. B.	Beef Apple	Jamaica	0'903
84 A. B.	Marblewood	New South Wales (North)	0'903
49 A. B. A. G. A. D.	Nimusops Parviflora	Queensland	0'903
6 A.	Chucxax	British Honduras	0'901
21 A. B.	Wootari	New South Wales (North)	0'901
105 A. B. A. G. A. D.	Barkleya Syringifolia	Queensland	0'900
A. B. A. G. A. D.	Bean Tree	Do.	0'898
60 A. B. A. G.	Myrtus Australis	Do.	0'898
47 A. B.	Stringy Bark Appin	New South Wales (South)	0'898
226 A.	Angelin	Trinidad	0'898
10,352 A.	Eng	East India	0'896
36 A. B.	Larrabee	New South Wales (North)	0'896
7,093 A.	Gading Gading	East India	0'894
185 A. B. C. D.	Noyer	Trinidad	0'895
	Sukliyo	East India	0'895
18 A. B. C.	Blue Gum of Coast Districts	New South Wales (South)	0'892
52 A. B. A. G. A. D.	Hodgkinsonia Ovatiflora	Queensland	0'891
4 A.	Satin Wood	Ceylon	0'891
10,475 A. B.	Mance Auka	East India	0'891
10,397 A. B.	Thabyehgah	Do.	0'888
10,388 A. B.	Pangah	Do.	0'888
140 A. B.	Sandal Wood	Do.	0'885
25 A.	Roble Blanco	British Honduras	0'884
10,356 A. B.	Engyin	East India	0'884
18 A.	Kaskat	British Honduras	0'884
5,598 A.	Sal	East India	0'884
100 A. G. A. D.	Ebenace	Queensland	0'883
43 A. B. C. D.	"	Victoria	0'882
57 A. B. C. D.	Hicory	New South Wales (South)	0'881
4,668 A.	Dhowrah	East India	0'881
226 A. B. C. D.	Angclin	Trinidad	0'880
7,077 A. B.	Tsuk Thu	East India	0'879
3 A.	Taming	Ceylon	0'878
155 A. B. C. D.	Japania, Japanare, or Alcedon.	Trinidad	0'878
9 A. B. C.	"	Victoria	0'877
270 A. B. A. G. A. D. A. G. A. D.	Wild Guana	Trinidad	0'876
28 A. B. A. G. A. D.	Mangrove	Queensland	0'874
41 A. B.	Cupania Pseudorchus	Do.	0'872
66 A. B.	Bastard Myall	New South Wales (North)	0'871
7,071 A.	Murbow	East India	0'871
50 A. B. A. G. A. D.	Maba Geminata	Queensland	0'870
7,089 A.	Bintaling	East India	0'868
53 A. B. C. D.	Apple	New South Wales (South)	0'868
169 A. B. C. D.	Paraman	Trinidad	0'868
123 A. B.	Acacia	Queensland	0'867
5,606 A.	Sissoo (Red)	East India	0'864
4,671 A.	Baubul	Do.	0'864
10,384 A.	Thitsu	Do.	0'864
35 A. B. C. D.	Stringy Bar	Victoria	0'861
88 A. B. A. G. A. D.	Ruscaria Ferruginea	Queensland	0'861
15 A.	Mabinjuh, or Mabinjuh	British Honduras	0'861
354 A. B.	Sweet Wood	Jamaica	0'861
7 A. B.	Buranna	New South Wales (North)	0'860
171 A. B. C. D.	White Beech	Do. (South)	0'859

TABLE I.—continued.

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
102 A. B. Ag. Ad.	Ebenaceæ - - -	Queensland - - -	0·857
13 A. B. C. D.	No name - - -	Hungary - - -	0·857
7,531 A.	Do. - - -	East India - - -	0·857
576 A. B.	Blood-red Wood, Black Mahogany.	Jamaica - - -	0·857
3 A. B. C.	Goorole - - -	New South Wales (North)	0·856
10,355 A. B.	Thingador - - -	East India - - -	0·854
10,393 A. B.	Bambonay - - -	Do. - - -	0·854
7,065 A.	Gaham Bada - - -	Do. - - -	0·852
7,067 A.	Bia-babi - - -	Do. - - -	0·852
93 A. B. C. D.	Myrtle - - -	Tasmania - - -	0·849
47 A. B. C. D.	Rosewood - - -	New South Wales (North)	0·849
163 A.	Mahoe des Londres - - -	Trinidad - - -	0·847
326 A. B.	Red Wood - - -	Jamaica - - -	0·847
38 A. B. C. D.	Grey Plum - - -	Queensland - - -	0·846
3,951 A.	Pindra - - -	East India - - -	0·846
560 A. B. C. D.	Tea Tree - - -	Tasmania - - -	0·845
11 A. B.	Found near Lismore, near Richmond River.	New South Wales (North)	0·845
5,601 A.	Burdur - - -	East India - - -	0·844
168 A. B. C. D.	Suretto - - -	Trinidad - - -	0·844
7,529 A.	Asna or Asan - - -	East India - - -	0·844
10,399 A. B.	Laizah - - -	Do. - - -	0·842
52 A. B. C. D.	Apple Tree of Coast - - -	New South Wales (South)	0·838
10,182 A. B.	Punc Thah - - -	East India - - -	0·837
7,080 A.	Dammer-laut - - -	Do. - - -	0·837
4,665 A.	Saj - - -	Do. - - -	0·837
7,086 A.	Tine or Sisso - - -	Do. - - -	0·837
581 A. B. C. D.	Black Mahogany or Blood-red Wood.	Jamaica - - -	0·837
43 A. B. C. D.	Swamp Mahogany - - -	New South Wales (South)	0·834
10,416 A. B.	Zoung-za-lat - - -	East India - - -	0·835
7 A. B. C. D.	Mooraballi - - -	British Guiana - - -	0·835
9 A. B. C.	- - -	Hungary - - -	0·835
108 A. B.	Bush Brush Cherry - - -	New South Wales (South)	0·834
365 A. B.	Wild Cinnamon - - -	Jamaica - - -	0·834
58 A. B.	Mahogany - - -	Liberia - - -	0·834
10,440 A.	Baman - - -	East India - - -	0·834
200 A. B. C. D.	Laurier Canelle - - -	Trinidad - - -	0·832
7 A.	River Oak - - -	Queensland - - -	0·832
2,405 A.	Marabow - - -	East India - - -	0·830
236 A. B. C.	South American Acacia - - -	Jamaica - - -	0·830
212 A. B.	Balsam Capivi - - -	Trinidad - - -	0·827
218 A. B.	Dog Wood - - -	Jamaica - - -	0·827
11 A. B. C. D.	Broad-leaved Box Tree - - -	Victoria - - -	0·826
186 A. B. C.	Bois Cortiero Soap-nut Tree - - -	Trinidad - - -	0·825
89 A. B.	Bursaria Spinosa - - -	Queensland - - -	0·824
3 A.	Larch - - -	Russia - - -	0·823
154 A. B.	Red Ash, Leather Jacket, Coopers Wood.	New South Wales (South)	0·821
4,668 A.	Ghatoo - - -	East India - - -	0·820
1,215 A.	Karee - - -	Do. - - -	0·820
45 A. B. C.	Wattle - - -	Victoria - - -	0·818
3,955 A.	Kardahee - - -	East India - - -	0·817
10,434 A.	Theetmin - - -	Do. - - -	0·817
46 A. B. Ag. Ad.	Catha Cunninghami - - -	Queensland - - -	0·815
13 A. B. Ag. Ad.	Flindersia Bennettiana - - -	Do. - - -	0·815
10,375 A. B.	May-za-iei - - -	East India - - -	0·814
10,415 A.	Khabouting - - -	Do. - - -	0·814
185 A.	Flackwood - - -	Do. - - -	0·813
59 A. B.	Frickly Tea Tree - - -	Do. - - -	0·813
205 A. B. C. D.	Canturo - - -	New South Wales (South)	0·810
9 A. B.	Santa Martia - - -	Trinidad - - -	0·809
25 A. B. Ag. Ad.	Cherry - - -	British Honduras - - -	0·806
14 A. B. C. D.	- - -	Queensland - - -	0·805
2 A. B. C. D.	- - -	Hungary - - -	0·804
4,604 A.	Bujah - - -	Do. - - -	0·804
169 A. B. C. D.	Red Wood - - -	East India - - -	0·805
208 A. B. C. D.	Canto - - -	Jamaica - - -	0·803
8 A. B. C. D.	Blackwood - - -	Trinidad - - -	0·799
3,952 A.	Jymungul - - -	Tasmania - - -	0·798
		East India - - -	0·797

TABLE I.—continued.

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1.000.
56 A. B. <i>aa. Ab.</i>	Eugenia Marginata	Queensland	0.797
21 A.	Black Oak	Liberia	0.796
118 A. B. <i>aa. Ab.</i>	Acaria Sapindoides	Queensland	0.795
59 A. B. <i>aa. Ab.</i>	Myrtus Aemmenoides	Do.	0.795
351 A.	Musk Wood	Jamaica	0.794
7,618 A. B.	Thin Ghan	East India	0.793
5,607 A.	Peasal	Do.	0.788
109 A. B.	Saamp Mahogany	New South Wales (North)	0.793
51 A. B. C. D.	Pencil Cedar; Turnip Wood	Do. do.	0.792
4,662 A.	Dhanganu	East India	0.791
10,225 A.	Saul	Do.	0.790
116 A. B.	Acacia	Queensland	0.790
5,600 A.	Sissoo (Black)	East India	0.790
7 A. <i>aa.</i>	Tea Tree (Hunter River)	New South Wales	0.786
84 A. B. <i>aa. Ab.</i>	Satin Wood	Queensland	0.785
69 A. B.	Found at Clarence and Richmond Brush Forests.	New South Wales (North)	0.784
338 A. B. C.	Spanish Elm	Jamaica	0.784
112 <i>aa. Ab.</i>	N. O. Compositae	Queensland	0.783
207 A. B. C. D.	Canto	Trinidad	0.783
8 A. B. <i>aa. Ab.</i>	Shingle Oak	Queensland	0.781
15 A. B. <i>aa. Ab.</i>	Silky Oak	Do.	0.780
10,120 A. B.	Thau-duy	East India	0.780
6,545 A.	Toukatsut	Do.	0.779
144 A.	Bengha	Do.	0.779
10 A. B.	Menem, Box of Illawarra	New South Wales (North)	0.777
6,550 A.	Pangah	East India	0.776
34 A. B.	Dark Yellow Wood	Queensland	0.776
5 A. B.	Kakaralli	British Guiana	0.774
7,622 A. B. C. D.	Oak Au	East India	0.774
17 A. B. <i>aa. Ab.</i>	Tulip Tree	Queensland	0.771
10,476 A.	Nyoo Tha	East India	0.771
23 A. B.	Samak or Sumach	Do.	0.770
3,950 A.	Kaim	Do.	0.770
4,667 A.	Trosom	Do.	0.770
47 A. B. <i>aa. Ab.</i>	Lime	Queensland	0.768
332 A. B. C. D.	Hogberry	Jamaica	0.768
10,426 A. B. C.	Kuyon Tenk	East India	0.767
10,226 A.	Sissoo	Do.	0.766
44 A. B.	Black Myrtle	New South Wales (North)	0.765
10,417 A.	Pact-thau	East India	0.763
15 A. B. C. D.	Burr Wood	Liberia	0.760
3,954 A.	Londya	East India	0.759
17 A. B.	Brimstone	Liberia	0.759
10,394 A. B.	Thabycheyin	East India	0.756
2,474 A.	Bromhong	Do.	0.756
2,470 A.	Klat Mera	Do.	0.756
93 A. B. <i>aa. Ab.</i>	N. O. Sterculiaceae	Queensland	0.756
26 A. B.	Cherry of the Clarence	New South Wales (North)	0.755
39 A. B. <i>aa. Ab.</i>	Sassafras	Queensland	0.755
27 A. B. C.	Native Tamarind	New South Wales (North)	0.754
155 A. B.	Found at Illawarra and Brisbane Water.	Do. do. (South)	0.752
177 A. B. C. D.	Mountain Ash	Do. do. do.	0.750
5 A. B.	Larch	Russia	0.749
206 A.	Bois de fer	Trinidad	0.748
72 A. B. C.		East India	0.747
16 A. B.	Cherry	Liberia	0.746
11 A. B.		Hungary	0.745
19 C. B.	Cedar	Liberia	0.745
53 A. B. <i>aa. Ab.</i>	Rosewood	Queensland	0.744
61 A. B. C. D.	Wyagerie Flindosa	New South Wales (North)	0.743
7,072 A.	Klat	East India	0.742
4 A. B.	Gulgi	New South Wales (North)	0.742
14 A. B. C. D.	Gully Tree Fern (13 pieces)	Victoria	0.741
<i>aa. Ab. Ac. Ad.</i>			
24 A. B. C. D.	Wyagerie or Cugerie Ash, Beech, and Flindosa.	New South Wales (North)	0.740
136 A. B. C. D.	White Maple	Do. (South)	0.737
9,239 A.	Bayang Bada	East India	0.737
10,406 A.	Bengah	Do.	0.736
23 A. B. C. D.	Fra Wymbie	New South Wales (North)	0.735

TABLE I.—continued.

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
7,619 A. B.	Al Nan - - -	East India - - -	0·733
7,092 A.	Madang Serai - - -	Do. - - -	0·732
7,066 A.	Ruvacas - - -	Do. - - -	0·731
97 A. B. C. D.	White Gum - - -	Tasmania - - -	0·730
4,961 A.	Iwinasse - - -	East India - - -	0·729
171 J. B. C. D.	Galba - - -	Trinidad - - -	0·729
3,956 A.	Taman - - -	East India - - -	0·729
180 B. C. D.	Crabtree - - -	Trinidad - - -	0·728
260 A. B.	Almond Tree - - -	Do. - - -	0·727
10,349 A. B.	Dwa Nec - - -	East India - - -	0·726
111 A. B.	Celtis Sp. - - -	Queensland - - -	0·726
10,364 A.	Pimlay Oong - - -	East India - - -	0·722
147 A. B. C. D.	Gommier - - -	Trinidad - - -	0·720
18 A. B. C.	Caraba or Crab Wood - - -	British Guiana - - -	0·719
7,327 A.	Ncem - - -	East India - - -	0·716
104 A. B.	Bitter Bark - - -	New South Wales (North) - - -	0·715
17 A. B.	Pobo. Found at Richmond, Lisuire, - - -	Do. do. do. - - -	0·715
14 A. B. C. D.	Honlabadi - - -	British Guiana - - -	0·715
10,354 A. B.	Thin Gan - - -	East India - - -	0·715
29 A. B. C.	Hitchia - - -	British Guiana - - -	0·712
30 A. B. A. C. A. D.	Beech - - -	Queensland - - -	0·710
3,608 A.	Koozoom - - -	East India - - -	0·709
51 A.	Cargilia Australis - - -	Queensland - - -	0·709
312 A.	Juniper Cedar - - -	Jamaica - - -	0·708
10,499 A.	Htecio - - -	East India - - -	0·706
7,515 A.	- - -	Do. - - -	0·705
23 A.	Yaxnic or Yaxniyg - - -	British Honduras - - -	0·702
7,090 A.	Kunpas - - -	East India - - -	0·701
83 A. B. A. A. A. D.	Rottlera - - -	Queensland - - -	0·699
7 A. B.	Whismore - - -	Liberia - - -	0·699
3,599 A.	Teak Sagoon - - -	East India - - -	0·695
22 A. B.	Yaxnic - - -	British Honduras - - -	0·695
1 A. B. C. D.	- - -	Hungary - - -	0·694
156 A. B.	Mango - - -	Trinidad - - -	0·693
1,214 A.	Dalbece - - -	East India - - -	0·690
10,359 A. B.	Toung-tha-lay - - -	Do. - - -	0·689
86 A. B.	Woodinpar - - -	Do. - - -	0·689
6,548 A.	Nabhay - - -	Do. - - -	0·689
27 A. B. C.	- - -	Hungary - - -	0·689
195 A. B.	Light Yellow Wood - - -	New South Wales (North) - - -	0·687
1 A. B.	Bogum Bogum - - -	Do. do. do. - - -	0·681
2,493 A.	Klaydang - - -	East India - - -	0·682
35 A. B. A. A. A. D.	Cugerie - - -	Queensland - - -	0·682
127 A.	Tamarind - - -	New South Wales (South) - - -	0·680
17 A. B. C. D.	- - -	Hungary - - -	0·680
31 A. B. C.	- - -	Victoria - - -	0·680
2,476 A.	Marsawa - - -	East India - - -	0·679
4,658 A.	Putteereea Sagoon - - -	Do. - - -	0·678
7,075 A.	Jermalang - - -	Do. - - -	0·678
10 A. B. C. D.	- - -	Hungary - - -	0·678
16 A. B. C. D.	Desert Cypress Pine - - -	Victoria - - -	0·678
10,221 A.	Philibeet - - -	East India - - -	0·677
37 A. A. A. D.	Capparis Mitchellii - - -	Queensland - - -	0·675
6,547 A.	Khyong-Yyook - - -	East India - - -	0·675
167 A. B. C.	Cacapoule - - -	Trinidad - - -	0·675
2 A.	Larch - - -	Russia - - -	0·675
49 A. B.	Celtis Opaca - - -	New South Wales (North) - - -	0·674
43 A. B.	Clarence and Richmond Brush - - -	Do. do. do. - - -	0·674
4 A. B. C. D.	- - -	Hungary - - -	0·674
201 A. B. C. D.	- - -	Trinidad - - -	0·673
A. A. A. A. A. D.	Laurier-blanc - - -	- - -	0·673
8 A.	- - -	Hungary - - -	0·669
3,948 A.	Siris - - -	East India - - -	0·658
11 A.	Light Yellow Wood - - -	Queensland - - -	0·667
3,604 A.	Gumbaree - - -	East India - - -	0·664
4,659 A.	Doodhea Sagoon - - -	Do. - - -	0·664
6,542 A.	Kokob - - -	Do. - - -	0·664
6,551 A.	Lein - - -	Do. - - -	0·662
7,524 A.	Kaitha - - -	Do. - - -	0·662
120 A.	Teak - - -	East India - - -	0·661
189 A. B. C. D.	Jack Fruit - - -	New South Wales (South) - - -	0·661
284 A. B.	Tecoma Stans - - -	Jamaica - - -	0·661
	- - -	Do. - - -	0·659

TABLE I.—continued.

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
6 A. B. C. D.	-	Hungary	0·588
9,888 A. B.	-	East India	0·587
44 A. B. C. D.	Honeysuckle	Victoria	0·587
4 A. B.	Larch	Russia	0·586
43 A. B. AG. AB.	Tamarind Tree	Queensland	0·586
320 A. B.	Yoke Wood	Jamaica	0·585
10,405 A. B.	Hnau	East India	0·582
7 A.	-	Hungary	0·581
10,380 A.	Kokoh	East India	0·581
6 A. B. C. D.	Riga Oak	Russia	0·580
3,949 A.	Hurdoo	East India	0·580
5,597 A.	Guringa	Do.	0·581
40 A. B. C. D.	Coast Honeysuckle	Victoria	0·580
31 A. B. AG. AB.	White Cedar	Queensland	0·588
12 A. B. C. D.	Honeysuckle	Victoria	0·583
7,665 A. B.	Dhane Eha	East India	0·581
6,544 A.	Poukthonnia-my-ek-Kyouk	Do.	0·580
67 A. B. C.	Sassafras	Tasmania, R. B.	0·589
7,517 A.	Toon	East India	0·583
75 A. B. C.	Mungkudu	Do.	0·583
2,488 A.	Mandang Saraya Batoo	Do.	0·581
367 A. B.	White Cedar?	Jamaica	0·582
7,674 A.	Tonk Isa	East India	0·582
5,605 A.	Jack "Punseo"	Do.	0·581
25 A. B. C. D.	Urri Burriandio	New South Wales (North)	0·514
125 A. B. C. D.	Maiden's Blush, Ladies' Blush	Do. do. (South)	0·514
10,361 A. B.	Poonyet	East India	0·504
1,657 A.	Seba Sasoon Teak	Do.	0·501
140 A. B.	Light Wood, Leather Jacket.	New South Wales (South)	0·500
	Coach Wood.		
5 A. B. AG. AB.	She Pine	Queensland	0·500
22 A. B. C. D.	Mahogany	Liberia	0·509
10 A. B. AG. AB.	Red Cedar	Queensland	0·509
6,549 A.	Titsein?	East India	0·506
20 AG. AB. AC. AD.	Mahogany	Liberia	0·505
28 A. B.	-	Hungary	0·506
39 A. B. C. D.	Spurious Mulberry Tree	Victoria	0·502
AG. AB. AC. AD.	-		
16 A. B. AG. AB.	Beefwood	Queensland	0·588
A.	Pine (Hunter River)	New South Wales	0·583
10,435 A.	Tinyoben	East India	0·581
87 A.	Leichhardt's Wood	Queensland	0·579
19 A.	Cherry	New South Wales (North)	0·578
4,670 A.	Bher	East India	0·574
343 A. B. C.	Capada Wood	Jamaica	0·573
102 A. B. C. D.	Silver Wattle	Tasmania, R. B.	0·571
139 A.	White Myrtle, Blue Ash, Ash	New South Wales (South)	0·571
3,240 A.	Braun	East India	0·567
68 A.	Pine Brush	New South Wales (North)	0·565
10,419 A.	Thu-Viloot-ma	East India	0·564
92 A. B. AG. AB.	-		
191. 192.	Anacardiaceae	Queensland	0·562
22 A. B. C. D.	Woorodii	New South Wales (North)	0·556
198 A.	Laurel	Trinidad	0·552
158 A. B. C. D.	Garlick Pear	Do.	0·548
378 A.	Fig Tree (wild)	Jamaica	0·547
102 A. B.	Mahoe	Trinidad	0·546
15 A. B.	-	Hungary	0·546
10,427 A. B.	Yehmaneh	East India	0·544
10,438 A. B. C.	Nasha	Do.	0·542
4,672 A.	Khumee	Do.	0·542
1,772 A.	Chump	Do.	0·540
1,219 A.	Toon	Do.	0·540
218 A.	Cypre	Trinidad	0·534
8. B.	Coorong, Cypress Pine	New South Wales (North)	0·533
10,422 A. B.	Thanat	East India	0·531
3 A. B. C. D.	-	Hungary	0·530
521 A. B.	Santa Maria	Jamaica	0·528
1 A. B. AG. AB.	Bunya Bunya	Queensland	0·513
35 A. B.	Undanbie	New South Wales (North)	0·507
7,077 A.	Sittola	East India	0·507
7,525 A. B.	Auru	Do.	0·506
1 A. B. C. D.	Riga Fir	Russia	0·503

TABLE I.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity. Distilled Water being 1·000.
2,490 A.	Niatoo - - -	East India - - -	0·499
9,247 A.	- - - - -	Do. - - - - -	0·498
10,429 A.	Momakha - - -	Do. - - - - -	0·493
18 A. B.	Aralia Elegans - - -	Queensland - - -	0·483
25 A. B. C. D.	- - - - -	Hungary - - - - -	0·482
15 A. B. C. D.	Moreton Bay Pine - - -	New South Wales (North) - - -	0·482
7,064 A.	Jurai - - - - -	East India - - -	0·472
10,430 A. B. C.	Toubein - - - - -	Do. - - - - -	0·461
10 A. B.	Pasak - - - - -	British Honduras - - -	0·470
26 A. B.	- - - - -	Hungary - - - - -	0·468
2 A. B. A. C. A. B.	Moreton Bay Pine - - -	Queensland - - -	0·465
5 A. B. C. D.	- - - - -	Hungary - - - - -	0·460
176. 176 16.	Polai Cedar - - -	New South Wales (South) - - -	0·459
7,522 A.	Arar - - - - -	East India - - -	0·459
10,430 A. B. C.	Toubein - - - - -	Do. - - - - -	0·441
24 A. B.	- - - - -	Austria - - - - -	0·427
22 A. B. C. D.	Pinus Abies - - -	Do. - - - - -	0·423
21 A. B. C.	Pinus Picea - - -	Do. - - - - -	0·420
529 A. B. C.	Galla Pear - - -	Jamaica - - - - -	0·414
7,070 A.	Bakkoh - - - - -	East India - - -	0·413
20 A. B. C. D.	Pinus Picea - - -	Austria - - - - -	0·408
14 A.	Flindersia Selwyniana - - -	Queensland - - -	0·407
10,421 A.	Kyoun-douk - - -	East India - - -	0·392
10,366 A. B.	Yinma - - - - -	Do. - - - - -	0·385
16 A. B.	- - - - -	Hungary - - - - -	0·364
1,771 A.	Toon - - - - -	East India - - -	0·365
10,465 A. B.	Deddaif Tha - - -	Do. - - - - -	0·290

TABLE I.—*continued.*

## SPECIFIC GRAVITIES.

*Book 2, page 31.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1'000.
20 C.	Cuamara or Touka	British Guiana	1'298
20 D.	Do.	Do.	1'148
16 A.	Burueh Bully or Bullet Tree	Do.	1'065
16 B.	Do.	Do.	1'055
16 C.	Do.	Do.	1'069
16 D.	Do.	Do.	1'039
7 A.	Moraballi or Moorabali	Do.	0'836
7 B.	Do.	Do.	0'865
7 C.	Do.	Do.	0'816
7 D.	Do.	Do.	0'830
29 A.	Hitchia	Do.	0'765
15 B.	Mora	Do.	0'952
15 C.	Do.	Do.	1'014
15 D.	Do.	Do.	0'918
14 A.	Houbaballi	Do.	0'789
14 B.	Do.	Do.	0'705

TABLE II.  
EXPERIMENTS for ASCERTAINING the BREAKING WEIGHT

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
AUSTRIA.							
20 A.	-	Pinus picea	" "				
20 B.	-	Do.	2 by 1½	broke	..	..	..
20 C.	-	Do.	2 by 2	"	..	..	..
20 D.	-	Do.	"	"	..	..	..
21 A.	-	Do.	"	"	..	..	..
21 B.	-	Do.	2 by 1½	"	..	..	..
21 C.	-	Do.	2 by 2	"	..	..	..
22 A.	-	Pinus abies	1½ by 1½	"	..	..	..
22 B.	-	Do.	2 by 1½	"	..	..	..
22 C.	-	Do.	2 by 1½	"	..	..	..
22 D.	-	Do.	"	"	..	..	..
24 A.	-	Do.	2 by 2	"	..	..	..
24 B.	-	Do.	2 by 1½	"	..	..	..
24 Aa.	-	Do.	2 by 2	117	17	broke	..
24 Ab.	-	Do.	"	109	188	"	..
BRITISH GUIANA.							
1 A.	Wadaduri, or Monkey Pot.	Lecythis grandiflora, Aubl.	1½ by 2	1082	116	250	broke
4 B.	Do.	Do.	2 by 2	1077	121	230	..
4 C.	Do.	Do.	"	1045	179	broke	..
4 D.	Do.	Do.	"	1065	175	121	broke
5 A.	Kakaralli	Lecythis Ollaria, Ldn.	1½ by 1½	1075	138	broke	..
5 B.	Do.	Do.	"	1091	174	..	..
7 A.	Moraballi, or Moora-balli.	"	2 by 2	1052	113	..	..
7 B.	Do.	"	"	"	"	"	"
7 C.	Do.	"	1½ by 2	1110	168	..	..
7 D.	Do.	"	2 by 2	1074	122	..	..
14 A.	Houbaballi	"	1½ by 2	1064	107	..	..
14 B.	Do.	"	1½ by 2	1159	broke	..	..
14 C.	Do.	"	1½ by 1½	broke	..	..	..
14 D.	Do.	"	2 by 2	1131	broke	..	..
15 A.	Mora	"	"	broke	..	..	..
15 B.	Do.	Mora excelsa, Benth.	1½ by 2	1060	103	178	broke
15 C.	Do.	Do.	1½ by 1½	1066	112	238	..
15 D.	Do.	Do.	2 by 2	1073	113	214	..
16 A.	Burneh, Bully, or Bullet Tree.	Sapota Mulleri, Miq.?	"	1068	106	110	130
16 B.	Do.	Do.	"	"	"	"	"
16 C.	Do.	Do.	"	1043	104	100	125
16 D.	Do.	Do.	"	1046	108	100	108
18 A.	Caraba, or Crab Wood	Carapa guianensis, Aubl.	"	1060	104	104	114
18 B.	Do.	Do.	"	1081	151	200	broke
18 C.	Do.	Do.	"	1084	130	258	..
20 A.	Cumara, or Tonka	"	"	1118	broke	..	..
20 B.	Do.	Dipteryx odorata	"	1054	1072	1006	112
20 C.	Do.	Do.	1½ by 1½	1049	1067	1048	111
20 D.	Do.	Do.	2 by 2	1066	1074	1095	119
26 A.	Sipiri, or Greenheart	Nectandra Rodiei	"	1047	1066	1063	107
26 B.	Do.	Do.	"	"	"	"	"
26 C.	Do.	Do.	"	1058	1078	1097	broke
26 D.	Do.	Do.	"	1067	1094	1137	..
26 Aa. Ab.	Do.	Do.	"	1044	106	1079	101
26 Ac.	Do.	Do.	"	1058	1074	1097	129
26 Ad.	Do.	Nectandra Schomb.	1½ by 1½	1059	1094	1117	144
29 A.	Hitchia	Do.	"	"	"	"	"
29 B.	Do.	"	2 by 2	1005	1089	1112	143
29 C.	Do.	"	"	1097	201	broke	..
		"	"	130	200	..	..
		"	"	157	broke	..	..

TABLE II.

when the Woods were submitted to a Transverse Strain.

at a Weight of						Break- ing Weight in lbs.	Defec- tion at time of Frac- ture.	REMARKS.
lbs.	lbs.	lbs.	lbs.	lbs.	lbs.			
6,720	7,340	8,960	10,080	11,200	12,320			
..	..	..	..	..	..	784	158	Tolerably good fracture.
..	..	..	..	..	..	1,046	176	Fracture not very good.
..	..	..	..	..	..	1,704	495	Short and sudden fracture.
..	..	..	..	..	..	1,083	794	Tolerably good fracture.
..	..	..	..	..	..	1,717	555	Good fracture, rather fibrous.
..	..	..	..	..	..	1,484	365	Tolerably good fracture.
..	..	..	..	..	..	1,004	325	Rather short fracture.
..	..	..	..	..	..	1,680	300	Do. do.
..	..	..	..	..	..	1,680	301	Do. do.
..	..	..	..	..	..	2,128	315	Tolerably good fracture, part short, part fibrous and part not broken.
..	..	..	..	..	..	1,998	26	Rather short fracture, large shakes in specimen, but did not have any bad effect.
..	..	..	..	..	..	2,240	406	Brittle, broke near a knot.
..	..	..	..	..	..	2,184	225	Tolerably good fracture.
..	..	..	..	..	..	4,396	1,000	Good fibrous fracture.
..	..	..	..	..	..	4,480	454	
..	..	..	..	..	..	5,040	715	Good fracture, gradual.
..	..	..	..	..	..	4,928	719	Do. do.
..	..	..	..	..	..	4,340	138	Tolerably good.
..	..	..	..	..	..	4,480	372	Do.
..	..	..	..	..	..	4,480	325	Cleavage in a shake, and slight fracture.
..	..	..	..	..	..	3,860	324	Short fracture.
..	..	..	..	..	..	4,088	222	Tolerable fracture.
..	..	..	..	..	..	4,088	244	Do.
..	..	..	..	..	..	4,648	210	Cleavage.
..	..	..	..	..	..	3,808	179	Do.
..	..	..	..	..	..	2,884	324	Rather short fracture; slight symp- toms of dry rot.
..	..	..	..	..	..	2,128	..	Short sudden fracture.
..	..	..	..	..	..	2,632	284	Rather short fracture.
..	..	..	..	..	..	4,848	148	Rather short fracture; very slight symptoms of dry rot.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	4,928	267	Tolerably good fracture.
..	..	..	..	..	..	4,704	344	Good fracture.
..	..	..	..	..	..	4,732	332	Do.
201	272	broke	..	..	..	8,288	442	Good fibrous fracture and cleavage.
188	broke	..	..	..	..	7,224	230	Cleavage.
155	231	broke	..	..	..	8,004	370	Very good fibrous fracture.
211	broke	..	..	..	..	7,196	526	Slight fracture and cleavage.
..	..	..	..	..	..	4,928	720	Good fracture and cleavage.
..	..	..	..	..	..	4,536	345	Cleavage and good fracture.
..	..	..	..	..	..	3,192	276	Good fracture.
..	..	..	..	..	..	..	..	No experiment.
157	broke	..	..	..	..	7,616	286	Good fracture.
148	..	..	..	..	..	7,784	311	Do.
156	..	..	..	..	..	7,672	347	Do.
137	18	broke	..	..	..	8,811	281	Partly a good fracture; fibrous, with cleavage; small shakes.
..	..	..	..	..	..	5,000	126	Cleavage only in shake.
..	..	..	..	..	..	5,525	21	Fibrous fracture; shakes in specimen.
127	172	broke	..	..	..	8,596	28	Cleavage only; good specimen.
broke	..	..	..	..	..	6,928	173	Cleavage in a shake.
181	256	..	..	..	..	8,540	406	
broke	..	..	..	..	..	5,973	165	Very slight fracture; cleavage.
..	..	..	..	..	..	4,004	383	Long, good fracture.
..	..	..	..	..	..	3,556	355	Tolerably good fracture.
..	..	..	..	..	..	3,192	283	Good fracture, rather sudden.

TABLE II—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
BRITISH HONDURAS.							
1 A.	Siricote		2 by 2	'079	'116	'182	broke
1 B.	Do.			'120	'224	broke	
1 C.	Do.			'116	'2148	'340	broke
2 A.	Cranadilla			'082	'103	'112	'1798
2 B.	Do.			'076	'101	'130	'162
3 A.	Chicheur		2 by 1½	'171	broke		
3 B.	Do.		2 by 2	'107	'178	broke	
3 C.	Do.			'098	'140		
3 D.	Do.		2 by 1½				
4 A.	Canasin		2 by 2	'058	'075	'092	'120
4 B.	Do.			'060	'079	'098	'122
6 A.	Chucxax			'084	'123	'194	broke
8 A.	Pimento			'080	'108	'150	'2148
9 A.	Santa Martia			'257	broke		
9 B.	Do.			'409			
10 A.	Pasak			broke			
10 B.	Do.						
11 A.	Chucya			'068	'130	'201	broke
13 A.	Bullet Wood			'008	'093	'118	'166
13 B.	Do.			'065	'090	'124	'176
14 A.	Tastab			'079	'112	'127	'200
14 B.	Do.		2 by 1½	'086	'123	'186	broke
15 A.	Mabinjuh or Mabin-juh.		2 by 2	'071	'107	'164	'4008
16 A.	Subin or Cubin			'067	'138	'242	'623
16 B.	Do.		2 by 1½	'080	'139	'251	broke
17 A.	Sapodilla		2 by 2	'080	'120	'196	'3768
18 A.	Kaskat			'117	'233	broke	
21 A.	Caoutchouc			'087	'115	'146	'180
21 B.	Do.			'082	'112	'141	'175
21 C.	Do.			'090	'117	'156	'222
21 D.	Do.			'090	'132	'192	'304
22 A.	Yaxnic			'178	broke		
22 B.	Do.			'238			
23 A.	Yaxnic or Yaxnig			'106	'203	broke	
25 A.	Roble Blanco			'102	'160	'204	broke
CEYLON.							
1 A.	Halmolilli		2 by 2	'086	broke		
2 A.	Iron or Beef Wood			'054	'09	'1	'124
3 A.	Taminig			'08	'139	'311	broke
4 A.	Satin Wood			'1	'136	'188	broke
EAST INDIA.							
23 A.	Samak or Sumach, or Divi-divi bark.	Cesalpinia coriaria	2 by 2	'132	broke		
23 B.	Do. Do.	Do.		'138			
30 A.							
30 B.							
30 C.							
75 A.	Mungkudu	M. umbellata	2 by 2	'243	broke		
75 B.	Do.	Do.		broke			
75 C.	Mungkudu	Do.		'208	broke		
72 A.							
72 B.							
72 C.							
80 A.							
80 B.							
86 A.	Woodunpar		2 by 2	'096	'152	broke	
86 B.	Do.			'112	'173		
104 A.							
104 B.							
104 C.							

TABLE II.—continued.

[illegible]

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deduction			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
EAST INDIA.							
140 A.	Sandal Wood	Santalum album	2 by 2	'077	'103	'135	'178
140 B.	"	"	"	'089	'091	'115	'150
144 A.	Bengha	"	"	'086	'134	broke	"
145 A.	Bou	"	"	'090	'120	'130	broke
147 A.	Terruvah	"	"	'070	'100	'110	'150
185 A.	Blackwood	Dalbergia frondosa	"	'086	'117	'150	broke
1,214 A.	Doodhee	Asclepias rosea	1 1/2 by 2	'159	broke	"	"
1,215 A.	Karee	Uvaria	2 by 2	'142	'241	"	"
1,219 A.	Toon	Cedrela Toona	"	'167	broke	"	"
1,220 A.	Unjun	Hardwickia binata	"	'116	'157	'210	"
1,220 B.	Do.	Do.	"	'110	'154	'220	"
1,771 A.	Toon	Cedrela Toona	"	broke	"	"	"
1,772 A.	Chump	Magnolia	"	'148	broke	"	"
2,345 A.	Tenasserim Mahogany.	"	"	'071	'094	'120	'150
2,402 A.	Balou	"	"	'081	'081	'168	'140
2,402 B.	Do.	"	"	'064	'083	'100	'110
2,465 A.	Marabow	"	"	'075	'104	broke	"
2,468 A.	Pannaga	"	"	'045	'068	'070	'094
2,470 A.	Klat Mera	"	"	'076	'133	broke	"
2,471 A.	Kasse	"	"	'048	'065	'070	'142
2,474 A.	Brombong	"	"	'078	'109	'150	broke
2,476 A.	Marsawa	"	"	'123	'363	broke	"
2,488 A.	Madang Saraya Batoo.	"	"	'111	'284	"	"
2,490 A.	Niatoo	"	"	'237	broke	"	"
2,493 A.	Klay dang	"	"	'074	'119	'180	"
3,948 A.	Siris	Acacia Sirisa	"	'138	broke	"	"
3,949 A.	Hundoo	Nauclea cordifolia	"	'117	"	"	"
3,970 A.	Kain	N. parvifolia	"	'150	"	"	"
3,981 A.	Pindra	Nauclea orientalis	2 by 1 1/2	'148	'242	broke	"
3,982 A.	Jymungul	"	2 by 2	'091	'132	"	"
3,983 A.	Rohnee	Acacia leucoploca	1 1/2 by 1 1/2	'143	'205	"	"
3,984 A.	Londya	"	2 by 2	'142	'272	broke	"
3,985 A.	Kandahce	Conocarpus mystifolium	"	'117	'189	"	"
3,986 A.	Taman	Eugenia jambolana	"	'114	'175	"	"
3,987 A.	Time or Sisso	Dalbergia Sissoo	"	'118	'181	"	"
3,988 A.	Mowah	Bassia louzeifolia	"	'097	'145	'250	broke
4,037 A.	Seha Sagoon Teak	Tectona grandis	"	'125	broke	"	"
4,038 A.	Putteereca Sagoon	Do.	"	'074	'153	broke	"
4,039 A.	Doodhea Sagoon	Do.	"	'100	'179	"	"
4,040 A.	Surrey	Shorea robusta	"	'088	'125	'205	broke
4,041 A.	Jiomrassee	"	"	'082	'130	broke	"
4,042 A.	Dhengum	Cordia macleodia	1 1/2 by 1 1/2	'089	'150	'240	broke
4,043 A.	Saj	Terminalia arcuata	2 by 2	'191	broke	"	"
4,044 A.	Bejjah	Pterocarpus, sp.	"	'085	'117	'160	"
4,045 A.	Kowah	Terminalia arguta	"	'103	'179	'247	"
4,066 A.	Ghattoo	Zizyphus zylopyxa, or glabra.	"	'094	broke	"	"
4,067 A.	Trosum	"	"	'145	'220	broke	"
4,068 A.	Dhowrah	Conocarpus latifolius	"	'073	'097	'142	'218
4,070 A.	Bher	Zizyphus jujaba	"	'216	broke	"	"
4,071 A.	Bauhu	Acacia arabica	"	'074	'100	'150	'242
4,072 A.	Khume	"	"	'182	broke	"	"
4,754 A.	Ironwood	Inga xylocarpa	"	'034	'074	'094	'116
4,754 B.	Do.	Do.	"	'057	'072	'095	'118
5,597 A.	Guringa	"	"	'116	'187	broke	"
5,598 A.	Sai	Shorea robusta	"	'094	'090	'118	'171
5,599 A.	Teak 'Sagoon'	Tectona grandis	"	'116	'190	"	"
5,600 A.	Sissoo, black	Dalbergia Sissoo	"	'088	'100	'120	'151
5,601 A.	Burdur	"	"	'074	'106	'160	'200
5,602 A.	Abloos or Kandoo	Diospyros melanoxylon	"	'088	'146	'180	'204
5,603 A.	Assan	Terminalia tomentosa	"	'228	'548	broke	"
5,604 A.	Gumbaree	"	"	'144	'240	"	"
5,605 A.	Jack 'Punsee'	Artocarpus integrifolia	"	broke	"	"	"
5,606 A.	Red Sissoo	Dalbergia Sissoo	"	'076	'100	'152	'284
5,607 A.	Peasal	Buchanania latifolia	"	'085	'160	'195	broke

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Frac- ture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
broke	..	..	..	..	..	6,440	*244	Good but not fibrous fracture.
*204	broke	..	..	..	..	7,616	*290	Short sudden fracture.
..	..	..	..	..	..	4,386	*352	Good, but not very fibrous fracture.
..	..	..	..	..	..	4,732	*282	Long fracture, not fibrous, and slight cleavage.
broke	..	..	..	..	..	6,608	*300	Good, but not very fibrous fracture.
..	..	..	..	..	..	5,600	*202	Cleavage only.
..	..	..	..	..	..	2,800	*260	
..	..	..	..	..	..	3,360	*355	Good, but not fibrous fracture.
..	..	..	..	..	..	3,080	*340	Good, but rather short fracture.
..	..	..	..	..	..	5,376	*314	Rather short fracture.
..	..	..	..	..	..	5,404	*350	Do.
..	..	..	..	..	..	1,157	*229	Short and sudden fracture.
..	..	..	..	..	..	3,360	*350	Very short and sudden fracture.
*227	broke	..	..	..	..	7,616	*520	Very good fibrous fracture, and slight cleavage.
*218	..	..	..	..	..	7,504	*382	Outside fibres only parted a little, and cleavage.
*187	..	..	..	..	..	7,896	*290	Do. do.
..	..	..	..	..	..	4,390	*280	Good fracture.
*115	*140	broke	..	..	..	8,960	*172	Cleavage.
..	..	..	..	..	..	4,480	*435	Very good fracture; not very fibrous.
*133	*173	broke	..	..	..	8,848	*250	Cleavage.
..	..	..	..	..	..	5,096	*230	Short fracture.
..	..	..	..	..	..	3,416	*430	
..	..	..	..	..	..	3,528	*500	
..	..	..	..	..	..	2,464	*332	
..	..	..	..	..	..	4,536	*280	Good, but not very fibrous fracture, and cleavage.
..	..	..	..	..	..	3,248	*290	
..	..	..	..	..	..	3,156	*160	Short fracture; knot in specimen.
..	..	..	..	..	..	2,800	*278	Good, but not a fibrous fracture.
..	..	..	..	..	..	4,424	*1033	Deflection '5 before fracture started.
..	..	..	..	..	..	5,264	*310	Good long fracture.
..	..	..	..	..	..	5,012	*410	Rather short fracture.
..	..	..	..	..	..	3,752	*450	Slight fibrous fracture, and cleavage.
..	..	..	..	..	..	4,424	*800	Fracture at small knot in specimen.
..	..	..	..	..	..	3,640	*215	Short fracture.
..	..	..	..	..	..	3,740	*400	Good, but not fibrous, fracture.
..	..	..	..	..	..	4,704	*353	Short fracture.
..	..	..	..	..	..	3,192	*185	Broke through very short.
..	..	..	..	..	..	3,976	*430	
..	..	..	..	..	..	3,864	*303	
..	..	..	..	..	..	4,084	*410	Fibrous fracture, and cleavage.
..	..	..	..	..	..	4,088	*200	
..	..	..	..	..	..	5,096	*330	Good fracture.
..	..	..	..	..	..	2,912	*1029	Slow fracture; not very fibrous.
..	..	..	..	..	..	5,376	*260	Short fracture; not very fibrous.
..	..	..	..	..	..	4,928	*634	Fibrous fracture; showed considerable compression.
..	..	..	..	..	..	2,464	*150	Not fibrous fracture; specimen shaken and worm-eaten.
..	..	..	..	..	..	3,808	*383	Good fracture.
broke	..	..	..	..	..	6,440	*572	Rather short fibrous fracture.
..	..	..	..	..	..	2,576	*274	
broke	..	..	..	..	..	5,992	*469	
..	..	..	..	..	..	2,850	*411	
*112	*185	*2408	broke	..	..	9,672	*404	Very good fracture, and little cleavage.
*151	*1938	..	..	..	..	8,876	*390	Very good fracture.
..	..	..	..	..	..	3,416	*240	Rather short diagonal fracture.
*338	broke	..	..	..	..	6,720	*400	Cleavage.
..	..	..	..	..	..	4,032	*258	
*238	broke	..	..	..	..	7,728	*400	Good tough fracture.
broke	..	..	..	..	..	5,712	*317	Good fracture.
..	..	..	..	..	..	6,049	*680	Good fracture; not very fibrous.
..	..	..	..	..	..	3,976	*1276	Very tough.
..	..	..	..	..	..	3,584	*479	
..	..	..	..	..	..	1,848	*168	
broke	..	..	..	..	..	6,216	*540	Small fractures.
..	..	..	..	..	..	5,600	*230	

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deduction				
				Dbs. 2,240	Dbs. 3,000	Dbs. 4,180	Dbs. 5,000	
EAST INDIA.								
5,605 A.	Koozoom	"	" "	"	"	"	"	
5,608 A.	K. char	"	2 by 2	"007	"158	broke	"	
5,610 A.	Koozoom	"	"	"070	"102	"154	broke	
5,642 A.	Kokoh	Albizia, sp.	"	"007	"141	"200	"002	
5,644 A.	Ponkthuma-my-ek-kyouk.	Lezuminosa	"	"071	"124	"227	broke	
5,645 A.	Toukatsoet	Do.	"	broke	"	"	"	
5,647 A.	Khyong-yook	Garuga pinnata, Roxb.	"	"108	broke	"	"	
5,648 A.	Nabhay	Odina Wodier	"	"110	"1688	broke	"	
5,649 A.	Titseim	Terminalia Bellerica	"	"087	"104	"	"	
5,650 A.	Paugah	Terminalia Chebula, Roxb.	"	"181	broke	"	"	
5,651 A.	Lein.	Retz.	"	"082	"145	"2598	broke	
5,651 A.	Lein.	Terminalia bialata, Roxb.	"	"107	broke	"	"	
7,064 A.	Jurai	"	1 1/4 by 1 1/4	broke	"	"	"	
7,065 A.	Gaham Bada	"	1 1/4 by 1 1/4	"11	"178	"301	"818	
7,066 A.	Rungas	"	2 by 1	"111	"172	broke	"	
7,067 A.	Bla-habi	"	1 1/4 by 1 1/4	"085	"100	"137	"260	
7,070 A.	Bahkoh	"	2 by 2	broke	"	"	"	
7,071 A.	Murbow	"	"	"083	"093	"1888	broke	
7,072 A.	Klat	"	"	"	"	"	"	
7,075 A.	Jermalang	"	2 by 1 1/4	"092	"160	broke	"	
7,077 A.	Sittola	"	2 by 2	"127	"2188	"	"	
7,086 A.	Dammer-laut	"	1 1/4 by 1 1/4	"176	broke	"	"	
7,089 A.	Bintaling	"	2 by 2	"069	"091	"145	"200	
7,090 A.	Kumpas	"	"	"065	"081	"140	broke	
7,092 A.	Madang-Serai	"	"	"094	"116	"	"	
7,093 A.	Gading-gading	"	1 1/4 by 1 1/4	"086	"153	broke	"	
7,234 A.	"	"	2 by 2	"070	"090	"143	"148	
7,234 B.	"	"	"	"	"	"	"	
7,514 A.	Sakhoo	Shorea robusta	"	"100	"148	broke	"	
7,514 B.	Do.	Do.	"	"091	"138	broke	"	
7,515 A.	Do.	"	1 1/4 by 1 1/4	"	"	"	"	
7,517 A.	Toon	Cedrela Toona	"	"130	"288	broke	"	
7,520 A.	Arar	"	2 by 2	"130	"288	broke	"	
7,522 A.	Kaitha	Ailanthus excelsa	"	"	broke	"	"	
7,524 A.	Aum	Feronia elephantum	"	"152	broke	"	"	
7,525 A.	"	Mangifera indica	"	"	broke	"	"	
7,527 A.	Neem	Melia azadirachta	"	"	broke	"	"	
7,529 A.	Asna or Asan	"	"	"1508	broke	"	"	
7,531 A.	"	Terminalia tomentosa	"	"	"	"	"	
7,618 A.	Thin Gan	"	"	"085	"142	"202	broke	
7,618 B.	Do.	Hopra odorata	"	"130	"137	broke	"	
7,619 A.	Ah Nau	Do.	"	"129	"200	"	"	
7,619 B.	Do.	Xylocarpus granatum	"	"117	broke	"	"	
7,619 C.	Do.	"	"	"	broke	"	"	
7,622 A.	Oak An	Do.	"	"105	"140	"220	broke	
7,622 B.	Do.	"	"	"081	"117	"178	"	
7,622 C.	Do.	"	"	"	broke	"	"	
7,622 D.	Do.	"	"	"	broke	"	"	
7,629 A.	Bom Mai Za	Inga, sp.	"	"117	broke	"	"	
7,629 B.	Do.	"	"	"112	"141	"278	broke	
7,635 A.	Dhane Eha	"	"	"065	"088	"110	"150	
7,635 B.	Do.	Moringa pterygosperma	"	"	broke	"	"	
7,674 A.	Tonk Tsa	Do.	"	"157	broke	"	"	
7,674 B.	Do.	Vitex arborea	"	"130	"	"	"	
7,677 A.	Tseek Tha	Do.	"	"131	"	"	"	
7,677 B.	Do.	Acacia sirissa	"	"172	"	"	"	
9,238 A.	"	Do.	"	"116	"100	broke	"	
9,239 A.	Bayang Bada	"	"	"143	broke	"	"	
9,239 B.	"	"	1 1/4 by 1 1/4	"113	broke	"	"	

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	4,256	'360	Not a very fibrous fracture.
..	..	..	..	..	..	5,432	'262	Good, but not fibrous, fracture.
broke	..	..	..	..	..	5,824	'610	Very fibrous fracture.
..	..	..	..	..	..	4,760	'310	Good fracture; threw out a splinter.
..	..	..	..	..	..	1,904	1'350	
..	..	..	..	..	..	2,800	'280	Short fracture.
..	..	..	..	..	..	3,918	'300	Good fracture.
..	..	..	..	..	..	4,312	'150	Do.
..	..	..	..	..	..	2,352	'435	Good, but not very fibrous, fracture.
..	..	..	..	..	..	4,480	'320	Good, but not fibrous, fracture.
..	..	..	..	..	..	3,192	'180	Very short fracture.
..	..	..	..	..	..	1,979	'358	Good, but rather short, fracture;
broke	..	..	..	..	..	5,600	1'126	symptoms of dry rot in specimen.
..	..	..	..	..	..	3,976	'250	First-rate fracture.
broke	..	..	..	..	..	5,452	'306	Rather short fracture.
..	..	..	..	..	..	1,512	'235	Good fracture.
..	..	..	..	..	..	3,012	'300	Sudden fracture; a few worm-holes in specimen.
..	..	..	..	..	..	4,256	'426	Short and sudden fracture; flaw in specimen.
..	..	..	..	..	..	1,312	'731	Fibrous fracture.
..	..	..	..	..	..	2,012	'410	Good tough fracture.
broke	..	..	..	..	..	6,020	'330	Short and sudden fracture.
..	..	..	..	..	..	5,376	'218	Good, long fracture.
..	..	..	..	..	..	1,564	'360	Cleavage, and fibres parted.
..	..	..	..	..	..	4,172	'422	Slight, good fracture, and cleavage.
'216 broke	..	..	..	..	..	7,700	'402	Good fibrous fracture.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	4,424	'360	Long but not fibrous fracture.
..	..	..	..	..	..	4,256	'204	Long, diagonal fracture.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	3,584	'370	Good fracture.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	1,456	'170	Very short and sudden fracture.
..	..	..	..	..	..	2,206	'210	Diagonal cleavage only.
..	..	..	..	..	..	2,128	'245	Brittle; very short and sudden fracture.
..	..	..	..	..	..	2,520	'183	Started at one ton. Symptoms of dry rot.
..	..	..	..	..	..	4,760	'615	Quite short fracture.
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	3,528	'594	Very elastic, good fracture.
..	..	..	..	..	..	3,688	'400	Short fracture.
..	..	..	..	..	..	2,800	'580	Good fracture; fibres parted to the end.
..	..	..	..	..	..	2,856	'516	Good fracture.
..	..	..	..	..	..	1,480	'569	Very good fracture, sudden at last.
..	..	..	..	..	..	5,096	'345	Good long fracture, diagonal, sudden at last.
..	..	..	..	..	..	2,856	'366	Defective specimen.
..	..	..	..	..	..	4,844	'282	Very good fracture.
..	..	..	..	..	..	3,472	'445	Part short and part fibrous fracture, and cleavage.
'198 broke	..	..	..	..	..	7,728	'316	Fibres parted a very little, and cleavage.
..	..	..	..	..	..	2,800	'192	Not a fibrous fracture.
..	..	..	..	..	..	2,968	'559	Do. do.
..	..	..	..	..	..	3,136	'503	
..	..	..	..	..	..	2,912	'790	
..	..	..	..	..	..	3,360	'920	Good tough fracture.
..	..	..	..	..	..	2,744	'825	Not fibrous, and rather diagonal fracture.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	3,192	'382	Cleavage, and fibres parted. Specimen worm-eaten.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
EAST INDIA.							
9,240 A.	Brangan	" " " "	2 by 2	123	333	broke	..
9,247 A.	"	" " " "	"	100	175	"	..
10,221 A.	Philibeet	Nauclea cordifolia	"	085	153	"	..
10,225 A.	Saul	Shorea robusta	"	078	117	189	broke
10,226 A.	Sissoo	Dalbergia Sissoo	"	075	106	144	212
10,345 A.	Petwoon	Berrya mollis, Wall.	"	016	095	137	211
10,348 B.	Do.	Do.	"	094	156	224	broke
10,349 A.	Dwa-Nee	Erioloma, sp.	"	096	137	195	..
10,349 B.	Do.	Do.	"	062	099	142	218
10,352 A.	Eng	Dipterocarpus grandiflora, Wall.	"	069	096	127	175
10,352 B.	Do.	Do.	"	076	126	broke	..
10,354 A.	Thingan	Hopea odorata, Roxb.	"	083	144	"	..
10,354 B.	Do.	Do.	"	080	148	234	broke
10,355 A.	Thingadoc	Hopea, sp.	"	092	148	315	..
10,355 B.	Do.	Do.	"	080	124	223	..
10,356 A.	Engyin	Hopea suava	"	080	121	198	..
10,356 B.	Do.	Do.	"	067	088	129	163
10,357 A.	Theya	Shorea obtusa, Wall.	"	069	090	105	136
10,358 A.	Gangan	Mesua ferrea	"	042	062	085	113
10,358 B.	Do.	Do.	"	066	102	232	broke
10,359 A.	Toung-tha-lay	Garcinia Cowa, Roxb.	"	084	139	broke	..
10,359 B.	Do.	Do.	"	122	273	"	..
10,361 A.	Poonyet	Calophyllum, sp.	"	134	312	"	..
10,361 B.	Do.	Do.	"	130	broke	..	..
10,362 A.	Gyo	Schleichera trijuga, Wyld.	"	102	193	broke	..
10,362 B.	Do.	Do.	"	100	158	"	..
10,364 A.	Pinlay-oong	Xylocarpus granatum, Kolu.	"	broke	..	..	..
10,366 A.	Yimma	Chickrassia tabularis, Juss.	"	broke	..	..	..
10,366 B.	Do.	Do.	"	broke	..	..	..
10,367 A.	Boonayza	Albizia stipulata, Boir.	"	068	091	127	171
10,367 B.	Do.	Do.	"	054	093	133	205
10,373 A.	Gucc-shwoay	Cathartocarpus fistula	1 1/2 by 1 1/2	057	076	098	122
10,375 A.	May-za-lee	Cassia florida	"	100	190	broke	..
10,375 B.	Do.	Do.	"	084	128	broke	..
10,376 A.	Yin-dike	Dalbergia, sp.	"	074	106	148	211
10,379 A.	Padouk	Pterocarpus dalbergioides.	"	096	065	087	120
10,379 B.	Do.	Do.	"	060	090	083	109
10,380 A.	Kokoh	Albizia, sp.	"	089	154	broke	..
10,382 A.	Poukthenmamyek-kyouk.	Leguminosae	"	066	104	142	broke
10,384 A.	Thitsee	Melanorrhoea usitatissima, Wall.	"	083	124	188	broke
10,386 A.	Nabhay	Odina Wodier	"	095	151	broke	..
10,388 A.	Paugah	Terminalia chebula, Retz.	"	068	095	149	207
10,388 B.	Do.	Do.	"	066	089	124	181
10,390 A.	Htouggyan	Terminalia macrocarpa	"	055	078	130	181
10,390 B.	Do.	Do.	"	056	082	121	166
10,393 A.	Bambouay	Careya arborea, Roxb.	"	071	116	185	broke
10,393 B.	Do.	Do.	"	105	182	broke	..
10,394 A.	Thabyehgjo	Eugenia obtusifolia	"	071	140	broke	..
10,394 B.	Do.	Do.	"	070	138	broke	..
10,397 A.	Thabyehgah	Eugenia caryophyllifolia, Roxb.	"	074	103	154	255
10,399 A.	Laizah	Lagerstroemia pubescens, Wall.	"	075	133	148	broke
10,399 B.	Do.	Do.	"	078	130	214	broke
10,405 A.	Hnan	Nauclea cordifolia, Roxb.	"	105	158	broke	..
10,405 B.	Do.	Do.	"	106	170	broke	..
10,406 A.	Bingah	Nauclea diversifolia, Wall.	"	083	131	200	broke
10,406 B.	Do.	Do.	"	080	114	172	314

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Frac- ture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	3,534	*390	Good fracture, and part cleavage.
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	3,640	*240	..
..	..	..	..	..	..	3,884	*200	..
..	..	..	..	..	..	5,876	*420	Good fracture.
broke	..	..	..	..	..	6,140	*300	Very short fracture.
..	..	..	..	..	..	6,328	*316	Do.
..	..	..	..	..	..	4,844	*400	Good fracture.
..	..	..	..	..	..	5,180	*300	Short sudden fracture.
broke	..	..	..	..	..	5,992	*310	Cleavage only.
1968 broke	..	..	..	..	..	6,944	*375	Good fracture.
..	..	..	..	..	..	4,144	*260	Rather good fracture; a little worm-eaten.
..	..	..	..	..	..	4,256	*306	Good fracture.
..	..	..	..	..	..	4,816	*541	Cleavage only.
..	..	..	..	..	..	4,676	*814	Very good fracture of fibres, and cleavage.
..	..	..	..	..	..	4,872	*438	Rather long, good fracture.
..	..	..	..	..	..	5,372	*400	Very good, fibrous fracture. Sap in specimen.
broke	..	..	..	..	..	6,664	*280	Slight fibrous, and cleavage.
180 broke	..	..	..	..	..	7,784	*310	Good fracture.
162	213	..	..	..	..	8,680	*370	Do.
..	..	..	..	..	..	4,502	*340	Good, but not fibrous fracture.
..	..	..	..	..	..	4,284	*245	Good fracture.
..	..	..	..	..	..	3,640	*384	Do.
..	..	..	..	..	..	3,300	*376	Do.
..	..	..	..	..	..	3,024	*460	Broke at a knot.
..	..	..	..	..	..	3,696	*300	Long, but not fibrous fracture.
..	..	..	..	..	..	3,920	*230	Short, showing but little fracture.
..	..	..	..	..	..	2,128	*336	Good fracture.
..	..	..	..	..	..	1,829	*336	Rather good fracture.
2698 broke	..	..	..	..	..	7,224	*380	Long fracture, not fibrous.
broke	..	..	..	..	..	6,636	*450	Good fracture.
158 broke	..	..	..	..	..	7,056	*260	Good, but not very fibrous fracture.
..	..	..	..	..	..	1,604	*210	Diagonal fracture, not fibrous.
..	..	..	..	..	..	4,088	*170	Do.
3678 broke	..	..	..	..	..	6,776	*125	Good but rather short fracture.
172 broke	..	..	..	..	..	7,168	*247	Good fracture.
147 broke	..	..	..	..	..	7,728	*213	Rather short fracture.
..	..	..	..	..	..	4,144	*470	..
..	..	..	..	..	..	5,040	*297	Quite short fracture.
..	..	..	..	..	..	4,760	*250	Good fracture.
..	..	..	..	..	..	4,312	*436	..
broke	..	..	..	..	..	5,440	*390	Good fracture.
broke	..	..	..	..	..	6,496	*334	Very good fracture.
broke	..	..	..	..	..	6,384	*350	Fibres parted slightly, and cleavage.
broke	..	..	..	..	..	6,328	*310	Do.
..	..	..	..	..	..	5,612	*302	Not a fibrous fracture.
..	..	..	..	..	..	4,284	*560	Fracture inclined to be short; not fibrous.
..	..	..	..	..	..	1,062	*250	Rather short fracture.
..	..	..	..	..	..	3,640	*170	Rather short, not fibrous fracture.
broke	..	..	..	..	..	5,890	*410	Fibrous fracture.
..	..	..	..	..	..	4,853	*406	Rather short fracture.
..	..	..	..	..	..	5,040	*540	Fracture half short and half splintered.
..	..	..	..	..	..	4,200	*282	Rather short fracture.
..	..	..	..	..	..	3,920	*290	Fracture long, not fibrous.
..	..	..	..	..	..	5,264	*636	Very good tough fracture.
broke	..	..	..	..	..	6,160	*716	Very good fracture.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Diameter				
				1 in.	1 1/2 in.	2 in.	3 in.	
EAST INDIA.								
10,409 A.	Htein	Nauclea parviflora, Roxb.	2 by 2	1073	broke	..	..	
10,409 B.	Do.	Do.	..	1075	1132	broke	..	
10,410 A.	Hteingalah	Nauclea, sp.	..	1081	1079	100	144	
10,410 B.	Do.	Do.	..	1084	1086	broke	..	
10,415 A.	Khaboung	Strychnos nux vomica	..	1257	broke	..	..	
10,416 A.	Toung-za-lat	Wrightia, sp.	..	1014	1000	211	broke	
10,416 B.	Do.	Do.	..	1080	1126	260	broke	
10,417 A.	Paet-than	Spathodea stipulata, Wall.	..	1102	1162	277	broke	
10,419 A.	Tha-khoot-ma	Spathodea Rheedii, Spreng.	..	1188	broke	..	..	
10,419 B.	Do.	Do.	..	1178	broke	..	..	
10,420 A.	Than-day	Bignonia, sp.	..	1075	1115	198	broke	
10,420 B.	Do.	Do.	..	1082	1124	208	broke	
10,421 A.	Kyoun-douk	..	..	broke	..	..	..	
10,422 A.	Thanat	Cordia myxa	..	1070	broke	..	..	
10,422 B.	Do.	Do.	..	broke	..	..	..	
10,426 A.	Kuyon Teak	Tectona grandis	..	1114	240	broke	..	
10,426 B.	Do.	Do.	..	1096	1084	broke	..	
10,426 C.	Do.	Do.	..	1110	broke	..	..	
10,427 A.	Yemaneh	Gmelina arborea, Roxb.	..	broke	..	..	..	
10,427 B.	Do.	Do.	..	1083	broke	..	..	
10,429 A.	Momakha	Salix tetrasperma, Roxb.	..	broke	..	..	..	
10,430 A.	Tounbein	Artocarpus mollis, Wall.	..	1179	broke	..	..	
10,430 B.	Do.	Do.	..	1202	broke	..	..	
10,430 C.	Do.	Do.	..	1141	..	..	..	
10,431 A.	Theetmin	Podocarpus neriifolia	..	1080	1124	200	broke	
10,435 A.	Tinyooben	Pinus Massoniana, Lamb.	..	1149	broke	..	..	
10,435 B.	Do.	Do.	..	broke	..	..	..	
10,438 A.	Nasha	Phyllanthus, sp.	..	broke	..	..	..	
10,438 B.	Do.	Do.	..	1104	broke	..	..	
10,438 C.	Do.	Do.	..	1184	broke	..	..	
10,440 A.	Bamau	..	..	1048	1088	1007	1138	
10,465 A.	Dedcap Tha	..	..	broke	..	..	..	
10,465 B.	Do.	..	..	broke	..	..	..	
10,475 A.	Mance Auka	..	..	1112	broke	250	broke	
10,475 B.	Do.	..	..	1108	1100	..	..	
10,476 A.	Ngoo Tha	Cassia, sp.	..	1096	broke	..	..	
10,476 B.	Do.	Do.	..	1122	broke	..	..	
10,476 C.	Do.	Do.	..	1115	279	broke	..	
10,477 A.	Kay Yoob	..	..	1051	1089	1112	1162	
10,477 B.	Do.	..	..	1050	1075	108	1167	
10,477 C.	Do.	..	..	1060	1095	145	1247	
10,478 A.	Nat Gyee	..	..	1060	1090	1088	1186	
10,478 B.	Do.	..	..	1060	1108	broke	..	
10,478 C.	Do.	..	..	1076	1110	152	1088	
10,482 A.	Pune Tha	..	..	1085	1125	212	broke	
10,482 B.	Do.	..	..	1079	1106	165	1318	
10,485 A.	Padouk	Pterocarpus Dalbergioides.	..	1092	1073	1100	1142	
10,485 B.	Do.	Do.	..	1090	1068	1090	1148	
10,485 C.	Do.	Do.	..	1093	1118	1168	broke	
10,489 A.	Kya Ya	Mimusops cleuzi	..	1094	1089	1100	..	
10,489 B.	Do.	Do.	..	1076	1108	107	broke	
10,491 A.	Zangyeocat-doup	Oak-leaved Polypod	..	1051	1076	1112	..	
10,491 B.	Do.	Do.	..	1005	1096	151	broke	
HUNGARY.								
1 A.	..	Acer platanoides	2 by 11	1116	1065	broke	..	
1 B.	..	Do.	..	1131	1117	..	..	
1 C.	..	Do.	2 by 2	115	broke	..	..	
1 D.	..	Do.	..	1103	1114	broke	..	
2 A.	..	Sorbus terminalis	2 by 1	1118	24	..	..	
2 B.	..	Do.	1 1/2 by 1 1/2	1080	106	..	..	

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	3,304	*140	Short fracture. Symptoms of dry rot.
..	..	..	..	..	..	3,306	*177	Short fracture.
201	broke	..	..	..	..	7,302	*333	Good fracture.
..	..	..	..	..	..	4,144	*181	Specimen shaky and worm-eaten.
..	..	..	..	..	..	2,612	*400	Short fracture, not fibrous.
..	..	..	..	..	..	4,704	*360	Cleavage.
..	..	..	..	..	..	4,760	*700	Very good fracture.
..	..	..	..	..	..	5,188	1*000	Very tough good fracture.
..	..	..	..	..	..	2,800	*327	Very short fracture.
..	..	..	..	..	..	2,688	*326	Short and sudden fracture.
..	..	..	..	..	..	5,008	*305	Very long good fracture.
..	..	..	..	..	..	5,572	*632	Very tough fracture.
..	..	..	..	..	..	5,572	*255	Sudden fracture; inclined to be short.
..	..	..	..	..	..	4,512	*800	Very good, tough fracture, but symptoms of dry rot; slow in giving way.
..	..	..	..	..	..	2,240		Specimen showed bad symptoms of dry rot.
..	..	..	..	..	..	2,128	*580	
..	..	..	..	..	..	3,416	*515	
..	..	..	..	..	..	3,416	*287	
..	..	..	..	..	..	2,040	*390	
..	..	..	..	..	..	2,128	*635	Rather short fracture; not good specimen.
..	..	..	..	..	..	2,688	*270	Rather good, but not a fibrous fracture.
..	..	..	..	..	..	1,807	*200	
..	..	..	..	..	..	2,408	*202	Rather good fracture. Specimen out of centre of tree.
..	..	..	..	..	..	2,613	*292	Rather short fracture.
..	..	..	..	..	..	3,243	*335	Good, but not very fibrous fracture.
..	..	..	..	..	..	5,152	*800	Cleavage only.
..	..	..	..	..	..	2,576	*280	Do.
..	..	..	..	..	..	2,072	1*900	Fracture inclined to be short.
..	..	..	..	..	..	2,128	*500	Good fracture.
..	..	..	..	..	..	2,744	*384	Do.
..	..	..	..	..	..	2,716	*543	Good but short fracture.
256	broke	..	..	..	..	7,056	*880	Fibres parted a little, and cleavage.
..	..	..	..	..	..	379	*231	Short and sudden fracture.
..	..	..	..	..	..	340	*201	Do. do.
..	..	..	..	..	..	2,744	*158	Sudden diagonal fracture.
..	..	..	..	..	..	4,592	*362	Good fracture.
..	..	..	..	..	..	3,243	*500	Fracture inclined to be short.
..	..	..	..	..	..	2,688	*165	Worm-eaten a little; short fracture.
..	..	..	..	..	..	3,808	*572	Good fracture.
260	broke	..	..	..	..	7,168	*490	Do.
..	..	..	..	..	..	6,496	*500	Do.
broke	..	..	..	..	..	6,384	*445	Cleavage and slight fracture.
287	broke	..	..	..	..	7,140	*520	Good fracture.
..	..	..	..	..	..	4,284	*168	Specimen shaky.
3208	broke	..	..	..	..	7,112	*436	Cleavage and slight fracture.
..	..	..	..	..	..	5,404	*400	Rather short, but good fracture.
..	..	..	..	..	..	6,048	*736	Slow, long fracture.
broke	..	..	..	..	..	6,664	*270	Fibres slightly parted, and cleavage.
broke	..	..	..	..	..	6,496	*320	Good fracture.
..	..	..	..	..	..	5,432	*332	Diagonal fracture.
broke	..	..	..	..	..	6,020	*530	Good, long fracture.
..	..	..	..	..	..	5,544	*636	Good fracture.
..	..	..	..	..	..	5,544	*895	Long diagonal fracture.
..	..	..	..	..	..	5,544	*350	Half short and half fibrous fracture.
..	..	..	..	..	..	3,360	*36	Rather short fracture.
..	..	..	..	..	..	5,528	*98	Tolerably good fracture.
..	..	..	..	..	..	5,136	*47	Tolerably good fracture; part short.
..	..	..	..	..	..	8,864	*45	Rather short fracture.
..	..	..	..	..	..	4,004	*385	Tolerably good fracture.
..	..	..	..	..	..	4,480	*39	Short fracture.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Diameter			
				lbs. 2,240	lbs. 2,240	lbs. 4,480	lbs. 5,600
JAMAICA.							
160 A.	White Lance Wood	Guatteria laurifolia	" "				
160 B.	Do.	Do.	2 by 2	084	110	142	191
164 A.	Blood, or Iron Wood	Laplacea hamatoxylon	1 by 2	088	120	160	220
164 B.	Do.	Do.	2 by 2	113	175	broke	..
164 C.	Do.	Do.	"	100	166	"	..
164 D.	Do.	Do.	"	094	166	"	..
169 A.	Red Wood	Erythroxylon areolatum	"	102	169	"	..
169 B.	Do.	Do.	"	070	068	150	181
169 C.	Do.	Do.	"	087	130	210	..
169 D.	Do.	Do.	"	092	140	252	..
189 A.	Jack Fruit	Artocarpus integrifolia	"	077	122	258	..
				116	206	broke	..
189 B.	Do.	Do.	"	107	213	..	..
189 C.	Do.	Do.	2 by 1 1/2	113	broke	..	..
189 D.	Do.	Do.	"	110	broke	..	..
201 A.	Red Candle Wood	Amirys	2 by 1 1/2	076	104	140	200
201 B.	Do.	Do.	2 by 2	073	099	129	179
201 C.	Do.	Do.	"	084	120	172	220
201 D.	Do.	Do.	"	081	116	broke	..
210 A.	Do.	Casuarina equisetifolia	2 by 1 1/2	067	092	121	161
210 B.	Do.	Do.	2 by 2	081	116	broke	..
210 C.	Do.	Do.	"	082	105	152	181
212 A.	Jamaica Ebony, var. Black Heart.	Brya Ebenus	"	090	080	102	142
212 B.	Do.	Do.	1 by 1 1/2	078	104	135	167
216 A.	Dog Wood	Priscidia erythrina	2 by 2	074	102	128	169
216 B.	Do.	Do.	"	081	112	152	212
216 C.	Do.	Do.	"	068	080	111	134
216 D.	Do.	Do.	"	068	093	124	167
218 A.	Do.	Do.	"	087	127	193	250
218 B.	Do.	Piscidia Carthaginensis	"	078	114	170	218
223 A.	Brazilletto	Peltophorum Linnei	"	084	085	116	138
223 B.	Do.	Do.	"	084	086	113	141
223 C.	Do.	Do.	"	060	078	097	125
223 D.	Do.	Do.	"	065	087	111	144
228 A.	Yellow Candle Wood	Cassia emarginata	"	068	091	121	154
228 B.	Do.	Do.	"	073	105	144	205
236 A.	South American Acacia.	Callandra suman	"	076	106	144	205
236 B.	Do.	Do.	"	076	106	144	205
236 C.	Do.	Do.	"	076	106	144	205
252 A.	White Mangrove	Laguncularia racemosa	"	092	118	257	..
252 B.	Do.	Do.	"	092	118	257	..
252 C.	Do.	Do.	"	092	118	257	..
267 A.	White Bully Tree	Dipholis salicifolia	"	071	090	133	170
267 B.	Do.	Do.	"	072	096	140	222
267 C.	Do.	Do.	"	070	099	140	222
267 D.	Do.	Do.	"	077	107	158	..
284 A.	Tecoma Stans	Do.	"	088	119	broke	..
284 B.	Do.	Do.	"	081	1528	..	..
297 A.	Red Heart	Do.	"	065	083	102	124
297 B.	Do.	Do.	"	064	083	104	128
297 C.	Do.	Do.	"	060	070	097	124
297 D.	Do.	Do.	"	064	081	102	127
312 A.	Juniper Cedar	Do.	"	176	broke	..	..
312 B.	Do.	Do.	"	187	..	..	..
312 C.	Do.	Do.	"	072	096	122	broke
319 A.	Do.	Do.	"	065	086	110	1528
319 B.	Do.	Do.	"	065	086	110	1528

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Frac- ture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
*265 broke	..	..	..	..	..	7,224	*344	Quite short and sudden fracture.
..	..	..	..	..	..	6,272	*300	Do. do.
..	..	..	..	..	..	4,228	*350	Cleavage, fibres parted a little.
..	..	..	..	..	..	4,256	*295	Slight cleavage, fibres parted a little.
..	..	..	..	..	..	4,368	*322	Rather long fracture.
..	..	..	..	..	..	4,200	*358	Tolerably good fracture.
..	..	..	..	..	..	5,376	*259	Short and sudden fracture.
..	..	..	..	..	..	4,480	*250	Do. do.
..	..	..	..	..	..	4,816	*350	Do. do.
..	..	..	..	..	..	4,788	*324	Do. do.
..	..	..	..	..	..	3,556	*361	This specimen had a knot in it; frac- ture rather short.
..	..	..	..	..	..	3,612	*316	Good fracture.
..	..	..	..	..	..	2,268	*433	Good fibrous fracture.
..	..	..	..	..	..	3,080	*402	Rather short fracture.
broke	..	..	..	..	..	6,720	*310	Cleavage.
*284s broke	..	..	..	..	..	7,728	*340	Fibrous fracture; specimen not quite dry.
broke	..	..	..	..	..	6,524	*534	Good cleavage, rather long fracture (shakes in heart).
..	..	..	..	..	..	4,872	*142	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,976	*144	Quite a short and sudden fracture; symptoms of dry rot.
..	..	..	..	..	..	5,301	*226	Do. do.
*153	*186	*220	*309	broke	..	10,920	*442	Good fracture; sap outside.
*216	*286	*458s	broke	..	..	9,100	*351	Good fracture.
*226s	broke	..	..	..	..	7,756	*384	Symptoms of dry rot; good long diag- onal fracture.
*333s	..	..	..	..	..	7,084	*528	Symptoms of dry rot; good fibrous fracture.
*160	*209s	*316	broke	..	..	9,128	*440	Good fibrous fracture.
*236	broke	..	..	..	..	7,392	—	Fibres parted a little, and cleavage.
..	..	..	..	..	..	5,124	*464	Good fracture.
broke	..	..	..	..	..	5,824	*560	Do.
*164	*214s	broke	..	..	..	8,932	*378	Not quite dry; good fibrous fracture.
*175	*157	..	..	..	..	7,980	*404	Good fibrous fracture and slight cleavage.
*165s	broke	..	..	..	..	7,392	*231	Rather short fracture.
*126	..	..	..	..	..	8,400	*420	Good fracture.
*219	..	..	..	..	..	7,728	*382	Sudden long fracture.
broke	..	..	..	..	..	6,468	*336	Do. do. slightly defective.
..	..	..	..	..	..	2,688	1*174	Good tough fibrous fracture.
..	..	..	..	..	..	2,576	*400	Fracture inclined to be short.
..	..	..	..	..	..	1,680	*600	Fracture rather short; two-thirds sap.
..	..	..	..	..	..	4,564	*320	Good fibrous fracture.
..	..	..	..	..	..	4,816	*492	Good tough fibrous fracture.
..	..	..	..	..	..	3,304	*341	Inclined to be short and sudden.
broke	..	..	..	..	..	6,496	*500	Long fracture; worm-eaten.
..	..	..	..	..	..	5,936	*314	Good fracture; do.
..	..	..	..	..	..	4,084	*242	Tolerably good fracture; inclined to be short; worm-eaten.
..	..	..	..	..	..	4,928	*266	Good fracture.
..	..	..	..	..	..	4,124	*206	Tolerable fracture; inclined to be short.
..	..	..	..	..	..	4,256	*238	Do. do.
*153	*199	broke	..	..	..	8,576	*333	Rather long fracture, not fibrous, and cleavage.
*170s	*254	..	..	..	..	8,568	*423	Tolerably good fracture and cleavage.
*164	*223	..	..	..	..	8,032	*394	Cleavage and good fibrous fracture.
*168	*226	..	..	..	..	8,022	*350	Cleavage and fibres parted a little.
..	..	..	..	..	..	2,856	*225	Sudden and bad fracture; several small knots in specimen.
..	..	..	..	..	..	2,492	*212	Do. do.
..	..	..	..	..	..	2,156	*16	Do. do. short.
..	..	..	..	..	..	5,208	*155	Short and sudden fracture; specimen worm-eaten.
broke	..	..	..	..	..	6,720	*170	Rather short fracture; worm-eaten a little.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				Lbs. 2,240	Lbs. 3,360	Lbs. 4,480	Lbs. 5,600
JAMAICA.							
319 Ba.	Section of Cocoa Nut		2 by 2	1003	1020	1134	1231
319 Bb.	Do.		"	1008	1036	1138	1240
319 Bc.	Do.		"	1012	1110	1176	1280
319 Bd.	Do.		"	1080	1125	1190	
319 Ca.	Do.		"	1080	1108	1144	1194
319 Cb.	Do.		"	1070	1094	1125	1199
319 Ca.	Do.		"	1068	1090	1114	1146
319 Eb.	Do.						
320 A.	Yoke Wood		"	1033	1082	1103	1126
320 B.	Do.		"	1121	1226	broke	
321 A.	Santa Maria	<i>Calophyllum calaba</i>	"	1100	1205		
321 B.	Do.	Do.	"	1110	broke		
326 A.	Red Wood	<i>Erythroxylon arcuatum</i>	"	1184			
326 B.	Do.	Do.	"	1080	1135	1114	broke
			"	1068	1172	broke	
328 A.	Black Bullet Tree	<i>Dipholis</i> — ?					
328 B.	Do.	Do.	"	1072	1106	1132	1193
329 A.	Galla Pear		"	1060	1091	1135	1207
329 B.	Do.		"	broke			
329 C.	Do.		"				
332 A.	Hog Berry		"				
332 B.	Do.		"	1097	1143	1200	broke
332 C.	Do.		"	1092	1141	1232	
332 D.	Do.		"	1090	1140	1248	
338 A.	Spanish Elm	<i>Cordia gerascanthus</i>	"	1091	1141	1232	
338 B.	Do.	Do.	"	1083	1111	1158	1244
338 C.	Do.	Do.	"	1088	1136	1210	broke
339 A.	Naseberry Tree.	<i>Achras sideroxylon</i>	"	1092	1126	1184	
	Do.	Do.	"	1060	1073	1092	1120
339 B.	Do.	Do.	"	1080	1106	1138	1186
339 C.	Do.	Do.	3 by 1 1/2	1068	1090	1112	1145
341 A.	Iron Wood	(? <i>Laplacea haematoxylon</i> )	1 1/2 by 2	1072	1102	1140	1202
343 A.	Cassada Wood		3 by 2	1065	1088	1112	1159
			1 1/2 by 2	1116	broke		
343 B.	Do.		2 by 1 1/2	1164			
343 C.	Do.		1 1/2 by 2	1124			
345 A.	Wild Orange	<i>Citrus aurantium</i>	2 by 2	1052	1069	1087	1118
345 B.	Do.	Do.	"	1017	1023	1080	1102
350 A.	Green Heart	<i>Amyris</i> — ?	"	1058	1080	1104	1134
350 B.	Do.	Do.	"	1061	1082	1107	1139
351 A.	Musk Wood	(? <i>Guarea trichilioides</i> )	2 by 1 1/2	1107	1187	1200	broke
354 A.	Sweet Wood	<i>Nectandra</i> — ?	2 by 2	1068	1098	1156	
354 B.	Do.	Do.	"	1070	1104	1172	
355 A.	Black Rose Wood	<i>Amyris</i> — ?	"	1072	1091	1117	1149
355 B.	Do.	Do.	"				
358 A.	White Rose Wood	<i>Amyris</i> — ?	"	1050	1073	1099	1182
358 B.	Do.	Do.	"	1055	1074	1094	1133
358 C.	Do.	Do.	"	1052	1074	1107	1154
			"	1052	1070	1089	1118
363 A.	Beech Wood						
365 A.	Wild Cinnamon	<i>Canella alba</i>	"	1082	1122	1189	1254
365 B.	Do.	Do.	"	1132	1115	broke	
367 A.	White Cedar	<i>Cedrela</i> — ?	"	1121	1152		
367 B.	Do.	Do.	1 1/2 by 1 1/2	1215	1208		
371 A.	White Torch	<i>Amyris</i> — ?	1 1/2 by 2	1168	broke		
371 B.	Do.	Do.	2 by 2	1070	1094	1128	1174
371 C.	Do.	Do.	"	1057	1094	1127	1182
371 D.	Do.	Do.	"	1076	1108	1152	1218
372 A.	Beef Apple	Do.	"	1070	1097	1135	1190
372 B.	Do.		"	1094	1131	1202	broke
376 A.	Blood Red Wood or Black Mahogany.		"	1082	1121	1194	
			"	1094	1101	broke	

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs.	lbs.	lbs.	lbs.	lbs.	lbs.			
6,720	7,840	8,960	10,080	11,200	12,320			
broke	..	..	..	..	..	6,188	*482	Good fibrous fracture.
"	..	..	..	..	..	5,890	*421	Rather short fracture.
"	..	..	..	..	..	5,376	*446	Good fibrous fracture.
"	..	..	..	..	..	5,488	*434	Good fibrous fracture; had bad shakes.
broke	..	..	..	..	..	6,356	*306	Tolerable fracture.
"	..	..	..	..	..	6,552	*235	Tolerable fracture; not fibrous.
*190 broke	..	..	..	..	..	7,728	*280	Fibres started a little and cleavage in a shake.
*158	*222s broke	..	..	..	..	8,316	*338	Rather good fracture and cleavage.
"	..	..	..	..	..	3,920	*403	Short and sudden fracture.
"	..	..	..	..	..	3,976	*519	Good fibrous fracture.
"	..	..	..	..	..	3,024	*860	Do. do.
"	..	..	..	..	..	2,912	*57	Short and sudden fracture.
"	..	..	..	..	..	5,292	*396	Long fracture.
"	..	..	..	..	..	4,144	*288	Fracture not very good: knots in specimen.
broke	..	..	..	..	..	6,412	*328	Part long fracture and cleavage.
"	..	..	..	..	..	5,824	*300	Fibres parted a little and cleavage.
"	..	..	..	..	..	1,512	*301	Sudden fracture; not very short.
"	..	..	..	..	..	1,204	*250	Rather short fracture; very dry.
"	..	..	..	..	..	1,344	*365	Do. do. do.
"	..	..	..	..	..	4,592	*882	Short fracture.
"	..	..	..	..	..	4,732	*375	Short and sudden fracture.
"	..	..	..	..	..	4,536	*330	Fracture inclined to be short.
"	..	..	..	..	..	4,788	*352	Short fracture.
broke	..	..	..	..	..	6,552	*452	Cleavage tough.
"	..	..	..	..	..	4,084	*420	Good fracture.
"	..	..	..	..	..	5,320	*530	Do.
*159	*214 broke	..	..	..	..	8,456	*265	Sudden cleavage.
broke	..	..	..	..	..	5,824	*551	Cleavage at a flaw and fibrous fracture.
*192	*304s broke	..	..	..	..	8,148	*610	Good fibrous fracture.
broke	..	..	..	..	..	6,608	*332	Cleavage through shake in heart.
"	..	..	..	..	..	6,720	*179	Short and sudden fracture.
"	..	..	..	..	..	3,328	*355	Short and sudden fracture; shake in specimen.
"	..	..	..	..	..	2,800	*296	Part fracture and slight cleavage.
"	..	..	..	..	..	3,332	*280	Rather short and sudden fracture; specimen from centre of tree.
*144 broke	..	..	..	..	..	7,504	*170	Cleavage and fibres started a little.
*178	*174 broke	..	..	..	..	7,840	*180	Cleavage.
*182	*268s	..	..	..	..	7,952	*312	Do.
*182	*270	..	..	..	..	8,064	*328	Cleavage in a shake.
"	..	..	..	..	..	4,592	*954	Good tough fibrous fracture.
"	..	..	..	..	..	5,544	*421	Very good fracture.
"	..	..	..	..	..	5,348	*620	Good long fibrous fracture.
*198	*273	*430 broke	..	..	..	8,060	*578	Very good long and fibrous fracture; started very slightly between 3 ton 10 cwt. and 4 ton.
*180	*273s broke	..	..	..	..	7,924	*580	Fracture; part good, and part rather short from defect in specimen.
*182	*336	..	..	..	..	8,176	*614	Very good fibrous fracture and cleavage.
*244 broke	..	..	..	..	..	7,280	*400	Tolerably good fracture.
*168	*294 broke	..	..	..	..	7,980	*534	Very good fibrous fracture and cleavage.
broke	..	..	..	..	..	5,936	*572	Part long fracture and cleavage.
"	..	..	..	..	..	3,472	*800	Fibrous fracture.
"	..	..	..	..	..	3,660	*621	Good fibrous fracture.
"	..	..	..	..	..	2,744	*740	Good fracture.
"	..	..	..	..	..	2,824	*750	Do.
broke	..	..	..	..	..	6,412	*302	Cleavage and fracture.
"	..	..	..	..	..	6,608	*319	Do. do.
"	..	..	..	..	..	5,824	*283	Long diagonal fracture.
"	..	..	..	..	..	6,406	*288	Cleavage.
"	..	..	..	..	..	5,488	*342	Very short and sudden fracture.
"	..	..	..	..	..	5,012	*252	Cleavage.
"	..	..	..	..	..	4,256	*283	Rather short fracture.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
JAMAICA.							
376 B.	Blood Red Wood or Black Mahogany.	" " " "	2 by 2	'091	'159	'28	broke
378 A.	Fig Tree, Wild	Ficus virens	"	'188	broke	"	"
384 A.	Black Mahogany or Blood Red Wood.	" " " "	"	'083	'147	broke	"
384 B.	Do.	" " " "	"	'105	'168	"	"
384 C.	Do.	" " " "	"	'089	'151	'309	broke
384 D.	Do.	" " " "	"	'108	'175	broke	"
407 A.	Star Apple	Chrysophyllum calnito	"	'071	'109	'145	'293
LIBERIA.							
7 A.	Whismore	" " " "	1 1/2 by 1 1/2	'122	'246	broke	"
7 B.	Do.	" " " "	"	'085	'184	"	"
7 C.	Do.	" " " "	1 1/2 by 1 1/2	'141	'282	"	"
10 A.	Cedar	" " " "	2 by 2	'082	'085	'115	'149
10 B.	Do.	" " " "	"	'087	'090	'120	'160
10 C.	Do.	" " " "	"	'059	'060	'104	'128
11 A.	Black Gum	" " " "	"	'082	'077	'086	'122
11 B.	Do.	" " " "	"	'059	'082	'116	'151
11 C.	Do.	" " " "	2 by 2	'060	'084	'110	'150
15 A.	Burr Wood	" " " "	"	'097	'189	broke	"
15 B.	Do.	" " " "	"	'089	'132	"	"
15 C.	Do.	" " " "	"	'089	'140	"	"
15 D.	Do.	" " " "	"	'086	'130	'212	broke
16 A.	Cherry	" " " "	1 1/2 by 1 1/2	'144	broke	"	"
16 B.	Do.	" " " "	2 by 1 1/2	'129	'236	broke	"
17 A.	Brimstone	" " " "	2 by 2	'083	'1208	'226	broke
17 B.	Do.	" " " "	"	'069	'105	broke	"
18 A.	Box Wood	" " " "	"	'066	'090	'114	'152
18 B.	Do.	" " " "	"	'061	'085	'117	'150
19 B.	Cedar	" " " "	1 1/2 by 1 1/2	'163	broke	"	"
19 C.	Do.	" " " "	2 by 2	'108	'248	broke	"
20 A.	Iron Wood	" " " "	"	'072	'068	'120	'170
20 B.	Do.	" " " "	1 1/2 by 1 1/2	'081	'111	'155	'20
20 C.	Do.	" " " "	2 by 2	'078	'102	'131	'18
20 A.A.	Mahogany	" " " "	1 1/2 by 1 1/2	'144	broke	"	"
20 A.B.	Do.	" " " "	"	'164	"	"	"
20 A.C.	Do.	" " " "	1 1/2 by 1 1/2	'166	broke	"	"
20 A.D.	Do.	" " " "	1 1/2 by 1 1/2	'128	"	"	"
21 A.	Black Oak	" " " "	1 1/2 by 1 1/2	'095	'174	broke	"
21 B.	Do.	" " " "	"	'076	'148	"	"
21 C.	Do.	" " " "	"	'107	'174	"	"
21 D.	Do.	" " " "	1 1/2 by 1 1/2	'109	'215	"	"
22 A.	Mahogany	" " " "	1 1/2 by 1 1/2	'108	'180	broke	"
22 B.	Do.	" " " "	"	'124	'200	"	"
22 C.	Do.	" " " "	"	'110	broke	"	"
23 D.	Do.	" " " "	"	'135	'280	broke	"
53 A.	Do.	" " " "	1 1/2 by 1 1/2	'086	'120	'1978	broke
53 B.	Do.	" " " "	2 by 2	'070	'110	'182	"
NEW SOUTH WALES (NORTH).							
1 A.	Bogum-bogum	Flindersia Bennetii, F. Muell.	2 by 2	'121	broke	"	"
1 B.	Do.	Do.	"	'088	'142	broke	"
3 A.	Goorie	Cryptocarya, sp.	"	'060	'100	"	"
3 B.	Do.	Cryptocarya, sp.	"	'070	'112	'186	broke
3 C.	Do.	Do.	"	'064	'084	'141	"
4 A.	Do.	Do.	"	'068	'114	broke	"
4 B.	Do.	Do.	"	'070	'120	"	"
5 A.	Bush, Bastard, or White Box.	Lophostemon Australis.	"	'072	'101	'146	'2908
5 B.	Do.	Do.	"	'084	'123	'190	broke

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	4,760	*350	Short and sudden fracture (heart, with shake).
..	..	..	..	..	..	2,688	*301	Short and sudden fracture. Specimen from centre of tree; symptoms of dry rot.
..	..	..	..	..	..	4,368	*294	Sudden diagonal fracture; not fibrous.
..	..	..	..	..	..	4,368	*342	Sudden fracture; inclined to be short.
..	..	..	..	..	..	4,480	*347	Tolerably good fracture; slightly defective.
..	..	..	..	..	..	4,172	*312	Short fracture; slightly defective.
broke	..	..	..	..	..	6,160	*268	Short and sudden fracture.
..	..	..	..	..	..	3,696	*509	Good fibrous fracture and cleavage.
..	..	..	..	..	..	4,004	*408	Good fibrous fracture.
broke	..	..	..	..	..	3,584	*432	Do.
..	..	..	..	..	..	6,244	*190	Sudden fracture; slightly worm-eaten.
..	..	..	..	..	..	6,160	*195	Sudden and rather short fracture.
*194 broke	..	..	..	..	..	6,906	*210	Long diagonal fracture.
*165	*2708 broke	..	..	..	..	7,868	*360	Good fibrous fracture and cleavage at each end.
*210 broke	..	..	..	..	..	7,420	*300	Cleavage and fibres parted slightly.
*2288	..	..	..	..	..	7,090	*270	Do.
..	..	..	..	..	..	3,696	*384	Long fracture.
..	..	..	..	..	..	4,284	*456	Good fracture.
..	..	..	..	..	..	4,200	*374	Fibres slightly parted and cleavage.
..	..	..	..	..	..	4,760	*319	Good, long, fracture.
..	..	..	..	..	..	3,192	*283	Good fracture.
..	..	..	..	..	..	3,472	*284	Good long fracture.
..	..	..	..	..	..	4,480	*242	Long diagonal fracture.
..	..	..	..	..	..	3,724	*332	Good fracture.
*214	*3428 broke	..	..	..	..	8,284	*444	Good long fracture.
*230	*3948	..	..	..	..	8,232	*650	Good fibrous fracture and cleavage.
..	..	..	..	..	..	3,024	*236	Long diagonal fracture.
..	..	..	..	..	..	3,584	*332	Fibres parted slightly and cleavage.
*259 broke	broke	..	..	..	..	6,776	*384	Do.
..	..	..	..	..	..	6,092	*424	Good fibrous fracture.
..	..	..	..	..	..	6,104	*252	Good fracture.
..	..	..	..	..	..	2,968	*215	Short fracture.
..	..	..	..	..	..	2,296	*188	Do.
..	..	..	..	..	..	2,556	*207	Rather short fracture.
..	..	..	..	..	..	2,800	*177	Short and sudden fracture.
..	..	..	..	..	..	4,340	*486	Good fibrous fracture.
..	..	..	..	..	..	4,424	*490	Short fibrous fracture.
..	..	..	..	..	..	4,284	*306	Good fracture.
..	..	..	..	..	..	4,032	*460	Very good fibrous fracture.
..	..	..	..	..	..	3,640	*255	Short fracture.
..	..	..	..	..	..	3,528	*370	Good fracture.
..	..	..	..	..	..	3,136	*330	Short and sudden fracture.
..	..	..	..	..	..	3,472	*338	Tolerably good fracture.
..	..	..	..	..	..	4,928	*423	Good fracture.
..	..	..	..	..	..	5,152	*432	Good, but not very fibrous fracture.
..	..	..	..	..	..	2,912	*180	Short and sudden fracture; considerable symptoms of dry rot.
..	..	..	..	..	..	3,836	*184	Do.
..	..	..	..	..	..	4,480	*170	Short fracture; shakes in specimen.
..	..	..	..	..	..	5,040	*284	Cleavage.
..	..	..	..	..	..	4,676	*102	Very short and sudden fracture.
..	..	..	..	..	..	4,032	*202	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	4,172	*240	Good fracture and cleavage; dry rot.
broke	..	..	..	..	..	5,992	*530	Good fracture.
..	..	..	..	..	..	5,432	*447	Do.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Diameter			
				lbs. 2,210	lbs. 3,360	lbs. 4,480	lbs. 5,600
NEW SOUTH WALES (NORTH).							
5 C.	Bush, Bastard, or White Box.	Lophostemon Australis	" "				
			2 by 2	087	128	206	brok
5 D.	Do.	Do.					
6 A.	Red Box	Do.	1 1/2 by 1 1/2	089	104	166	"
6 B.	Do.	Do.	var.	117	224	broke	"
6 C.	Do.	Do.	"	117	224	broke	"
6 D.	Do.	Do.	"	107	181	"	"
7 A.	Buranna	Neliteris, sp.	"	118	191	"	"
7 B.	Do.	"	"	137	broke	"	"
10 A.	Box of Illawarra	Eucalyptus, sp.	2 by 2	082	152	broke	"
10 B.	Do.	"	"	079	142	"	"
12 D.	Gouipham	Schmidella anodonta, F. Muell.	"	133s	broke	"	"
13 A.	Wobul	Flindersia, sp.	1 1/2 by 1 1/2	089	096	128	232
13 B.	Do.	"	"	087	095	135	212
14 A.	Do.	Panax, sp.	2 by 2	074	108	174	brok
14 B.	Do.	"	"	065	099	129	"
15 A.	Moreton Bay Pine	Araucaria Cunninghamii	"	163	broke	"	"
15 B.	Do.	Do.	"	22s	"	"	"
15 C.	Do.	Do.	"	161	broke	"	"
15 D.	Do.	Do.	"	094	204	broke	"
17 A.	Cherry	Neliteris, sp.	"	088	107	"	"
17 B.	Do.	"	"	109	broke	"	"
19 A.	Wooraria	Cupania xylocarpa	"	129	"	"	"
21 A.	Do.	Do.	"	072	100	156	brok
21 B.	Do.	Do.	"	061	084	118	179
22 A.	Woorodii, name in natural order.	Sapindaceae	"	broke	"	"	"
22 B.	Woorodii	"	"	112	broke	"	"
22 C.	Woorodii, name in natural order.	Sapindaceae	"	259	"	"	"
22 D.	Do.	Do.	1 1/2 by 1 1/2	222	broke	"	"
23 A.	Do.	Mooria campylosperma	2 by 2	085	136	broke	"
23 B.	Do.	Do.	"	128	234	"	"
23 C.	Do.	Mooria campylosperma, F. Muell.	"	098	163	"	"
23 D.	Ash, Beech, and Flindosa.	Flindersia Australis	"	123	254	broke	"
24 A.	Do.	Do.	"	094	093	151	brok
24 B.	Do.	Do.	"	096	099	152	"
24 C.	Do.	Do.	"	088	145	brok	"
24 D.	Do.	Do.	"	084	094	148	brok
25 A.	Do.	Cryptocarya glaucescens	1 1/2 by 1 1/2	090	broke	"	"
25 B.	Do.	Do.	"	129	"	"	"
25 C.	Do.	Do.	"	168	"	"	"
25 D.	Do.	Do.	"	179	"	"	"
26 A.	Cherry of the Clarence.	Jambosa Australis	2 by 2	196	189	598s	brok
26 B.	Do.	Do.	"	"	"	"	"
27 A.	Native Tamarind	Cupania Australis	"	085	162	brok	"
27 B.	Do.	Do.	"	067	180	196	brok
27 C.	Do.	Do.	"	093	164	brok	"
28 A.	Native Plum	Achras Australis	"	087	112	"	"
28 B.	Do.	Do.	"	084	086	118	155
28 C.	Do.	Do.	1 1/2 by 1 1/2	064	081	139	129
28 D.	Do.	Do.	"	070	100	148	211
31 A.	Do.	Do.	"	058	078	104	145
35 A.	Panax elegans	Panax elegans	2 by 2	223	broke	"	"
36 A.	Name in natural order.	Celastraceae	"	168	"	"	"
36 B.	Do.	Do.	1 1/2 by 1 1/2	086	082	135	234
40 A.	Uroobie	Nephelium lanuginosum	2 by 2	068	083	129	187
40 B.	Do.	Do.	"	060	066	154	256
40 C.	Do.	Do.	"	040	051	101	117
43 A.	Native Orange	Endiandra virens, F. Muell.	1 1/2 by 1 1/2	072	101	136	187
43 B.	Do.	Do.	"	073	110	179	brok
44 A.	Black Myrtle	Do.	2 by 2	086	133	217	"
44 B.	Do.	Do.	"	080	111	"	"
			"	062	089	146	brok

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Frac- ture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	5,096	*404	Good fracture.
..	..	..	..	..	..	5,516	*424	Do.
..	..	..	..	..	..	5,668	*492	Rather short and sudden fracture.
..	..	..	..	..	..	3,752	*382	Tolerable fracture; sudden.
..	..	..	..	..	..	4,238	*350	Short and sudden fracture.
..	..	..	..	..	..	3,640	*230	Do.
..	..	..	..	..	..	3,680	*258	Short fracture; specimen worm-eaten.
..	..	..	..	..	..	3,192	*215	Do.
..	..	..	..	..	..	4,040	*240	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,920	*230	Do.
..	..	..	..	..	..	2,352	*230	Tolerable fracture; rather short.
broke	..	..	..	..	..	6,076	*462	Cleavage and fibres slightly parted.
..	..	..	..	..	..	6,468	*575	Good fibrous fracture.
..	..	..	..	..	..	5,320	*306	Short and rather sudden fracture.
..	..	..	..	..	..	5,096	*180	Cleavage in a shake.
..	..	..	..	..	..	2,912	..	Short and sudden fracture.
..	..	..	..	..	..	2,464	..	Do.
..	..	..	..	..	..	1,904	..	Do.
..	..	..	..	..	..	2,576	..	..
..	..	..	..	..	..	3,640	*350	Good fracture.
..	..	..	..	..	..	4,256	*445	Tolerably good fracture.
..	..	..	..	..	..	2,912	*528	Good fracture; tough.
..	..	..	..	..	..	3,192	*230	Tolerably good fracture; dry rot.
..	..	..	..	..	..	5,600	*218	Tolerably good fracture.
broke	..	..	..	..	..	6,048	*210	Very short fracture.
..	..	..	..	..	..	2,044	*208	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,240	*146	Do.
..	..	..	..	..	..	2,462	..	do.
..	..	..	..	..	..	2,576	*815	Short and sudden fracture; slight symptoms of dry rot in specimen.
..	..	..	..	..	..	4,256	*300	Rather short and sudden fracture.
..	..	..	..	..	..	3,920	*332	Rather short fracture.
..	..	..	..	..	..	3,920	*265	Do.
..	..	..	..	..	..	3,556	*310	Rather short fracture.
..	..	..	..	..	..	5,498	*490	Good fracture.
..	..	..	..	..	..	5,516	*350	Rather short fracture.
..	..	..	..	..	..	4,368	*466	Good fracture.
..	..	..	..	..	..	5,488	*259	Rather short fracture.
..	..	..	..	..	..	3,248	*190	Short fracture.
..	..	..	..	..	..	3,192	*315	Do.
..	..	..	..	..	..	3,108	*224	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,500	*398	Tolerably good fracture.
..	..	..	..	..	..	4,536	*778	Good fracture; tough.
..	..	..	..	..	..	4,480	*476	Do.
..	..	..	..	..	..	4,480	*210	do.
..	..	..	..	..	..	3,808	*250	Short fracture.
..	..	..	..	..	..	3,920	*215	Long but sudden fracture.
..	..	..	..	..	..	6,911	*321	Very short fracture.
..	..	..	..	..	..	6,412	*434	Cleavage and fibres parted slightly.
..	..	..	..	..	..	6,608	*680	Good fibrous fracture.
..	..	..	..	..	..	7,280	*446	Do.
..	..	..	..	..	..	2,548	*359	Do.
..	..	..	..	..	..	2,632	*286	Rather short fracture.
..	..	..	..	..	..	5,824	*380	Very short fracture.
..	..	..	..	..	..	6,188	*341	Good fibrous fracture.
..	..	..	..	..	..	6,216	*500	Good fracture.
..	..	..	..	..	..	7,168	*60	Tolerably good fracture.
..	..	..	..	..	..	7,000	*89	Good fibrous fracture.
..	..	..	..	..	..	4,900	*28	Rather short fracture.
..	..	..	..	..	..	4,984	*315	Short diagonal fracture.
..	..	..	..	..	..	3,696	*180	Short diagonal fracture.
..	..	..	..	..	..	4,480	*220	Cleavage only. Symptoms of dry rot.
..	..	..	..	..	..			Good fracture, but inclined to be short.

TABLE II—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
NEW SOUTH WALES (NORTH).							
45 A.	-	<i>Atherosperma micranthum</i> .	1½ by 1½	121	276	broken	..
45 B.	-	Do.	-	985	1130	-	-
47 A.	Rosewood	<i>Synoum glandulosum</i> .	2 by 2	971	107	291	070A
47 B.	Do.	Do.	-	971	108	165	-
47 C.	Do.	Do.	-	974	115	173	-
47 D.	Do.	Do.	-	971	109	187	160A
51 A.	Pencil Cedar	<i>Synoum Lardneri</i> , Moore	-	976	114	278	-
51 B.	Do.	Do.	-	971	120	320	-
51 C.	Do.	Do.	-	1096	119	180	-
51 D.	Do.	Do.	-	1096	120	177	070A
53 A.	-	<i>Carissa ovata</i>	-	979	116	171	-
53 B.	-	Do.	-	1072	106	159	-
54 A.	-	<i>Schmidelia pyramidalis</i>	-	1000	927	140	250
54 B.	-	Do.	-	965	954	138	070A
60 A.	Hickory	<i>Aemena</i> sp.	1½ by 1½	984	112	159	250
60 B.	Vitan.	-	-	-	-	-	-
61 A.	Flindosa	<i>Flindersia Australis</i> , var.	2 by 2	958	980	107	140
61 B.	Do.	Do.	-	979	986	102	140
61 C.	Do.	Do.	-	1086	141	200	140
61 D.	Do.	Do.	-	989	140	214	-
63 A.	Flintamendosa	<i>Flindersia Greysonii</i>	-	978	100	131	-
63 B.	Do.	<i>Flindersia Greysonii</i> , Moore.	-	997	922	128	140
64 A.	Tea Tree	<i>Callistemon salignum</i>	-	981	115	168	broken
64 B.	Do.	Do.	-	988	125	180	-
66 A.	Bastard Myall	<i>Acacia Cunninghamii</i>	-	979	998	100	140
66 B.	Do.	Do.	-	980	990	159	140
67 A.	-	<i>Alphitonia excelsa</i>	-	971	928	140	140
67 B.	-	Do.	-	1071	104	161	140
68 A.	-	<i>Vitex</i> , sp.	-	175	070A	-	-
68 B.	-	-	-	broken	-	-	-
69 A.	-	<i>Myrtus Melastomae</i>	-	970	100	140	140
69 B.	-	Do.	-	990	110	160A	-
71 A.	Swamp Oak	<i>Casuarina quadrivalvis</i>	1½ by 1½	980	982	108	140
71 B.	Do.	Do.	-	1064	920	134	140
74 A.	White Myrtle	<i>Myrtus aemendosa</i> , F. Muell.	2 by 2	958	979	112	140
74 B.	Do.	Do.	-	960	990	127	140
77 A.	Iron Bark of the Clarence.	<i>Eucalyptus</i> sp.	-	950	988	997	140
77 B.	Do.	Do.	-	-	-	-	-
84 A.	Marblewood	<i>Olea paniculata</i>	-	954	971	991	140
84 B.	Do.	Do.	-	966	971	103	140
88 A.	-	<i>Evodia erythrococca</i> , F. Muell.	-	968	980	118	140
88 B.	-	Do.	-	965	980	122	140
89 A.	-	<i>Diospyros</i> sp.	-	951	980	126	140
89 B.	-	Do.	-	970	990	130	140
93 A.	-	<i>Celtis opaca</i> , F. Muell.	2 by 2	968	981	122	140
93 B.	-	Do.	-	967	100	120A	-
102 A.	Flooded Gum	<i>Eucalyptus</i> , sp.	1½ by 1½	967	100	120	140
102 B.	Do.	Do.	-	964	100	120	140
102 C.	Do.	Do.	-	964	100	120	140
102 D.	Do.	Do.	-	962	100	120	140
103 A.	Grey Gum	<i>Eucalyptus</i> , sp.	2 by 2	967	971	100	140
103 B.	Do.	Do.	-	967	971	100	140
104 A.	Bitter Bark	<i>Tabernaemontana</i> sp.	-	964	980	100	140
104 B.	Do.	Do.	-	978	110	140	140
105 A.	Light Yellow Wood	<i>Rhus rhodanthemum</i> , F. Muell.	-	971	110	140	140
105 B.	Do.	Do.	-	964	104	120	140
106 A.	Iron Wood	<i>Argyrodendron trifoliatum</i> , F. Muell.	-	968	100	108	140
106 B.	Do.	Do.	-	960	965	120	140
109 A.	Swamp Mahogany	<i>Sophistemon</i> sp.	-	965	976	102	140
109 B.	Do.	Do.	-	988	141	160A	-
111 A.	Water Gum	<i>Callistemon</i> sp.	1½ by 1½	110	107	-	broken

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Frac- ture.	REMARKS.
lbs.	lbs.	lbs.	lbs.	lbs.	lbs.			
6,720	7,840	8,960	10,080	11,200	12,320			
..	..	..	..	..	..	3,640	*515	Good fracture.
..	..	..	..	..	..	4,480	*320	Cleavage only.
..	..	..	..	..	..	4,480	*374	Tolerably good fracture.
..	..	..	..	..	..	5,320	*454	Good fracture.
..	..	..	..	..	..	4,200	*170	Part long and part short fracture.
..	..	..	..	..	..	5,208	*636	Good tough fracture.
..	..	..	..	..	..	4,480	*384	Rather short fracture.
..	..	..	..	..	..	4,536	*410	Fibrous fracture; slight symptoms of dry rot.
..	..	..	..	..	..	3,892	*198	Very short and sudden fracture.
..	..	..	..	..	..	5,152	*255	Cleavage.
..	..	..	..	..	..	5,544	*281	Short fracture.
..	..	..	..	..	..	5,516	*305	Good fracture.
broke	..	..	..	..	..	5,936	*268	Rather short fracture.
..	..	..	..	..	..	5,320	*227	Cleavage and slight fracture.
broke	..	..	..	..	..	6,384	*670	Cleavage and fibres parted.
*232	broke	..	..	..	..	7,168	*318	Long and good fracture.
broke	..	..	..	..	..	5,552	*470	Very good fibrous fracture.
..	..	..	..	..	..	4,934	*460	Good fracture.
..	..	..	..	..	..	5,040	*482	Do.
..	..	..	..	..	..	5,292	*386	Tolerably good fracture.
*238	broke	..	..	..	..	7,504	*418	Good fibrous fracture and cleavage.
broke	..	..	..	..	..	6,440	*549	Good fibrous fracture.
..	..	..	..	..	..	4,844	*205	Rather short fracture.
..	..	..	..	..	..	5,182	*680	Cleavage in a shake and fibres parted.
broke	..	..	..	..	..	5,600	*322	Good fracture.
..	..	..	..	..	..	5,404	*308	Do.
broke	..	..	..	..	..	6,244	*275	Rather short fracture.
..	..	..	..	..	..	5,572	*233	Do.
..	..	..	..	..	..	2,576	*263	Short and sudden fracture.
..	..	..	..	..	..	2,240	*159	Do.
..	..	..	..	..	..	5,096	*182	Short fracture.
..	..	..	..	..	..	4,432	*244	Rather short fracture.
*278	broke	..	..	..	..	6,832	*400	Good fibrous fracture.
broke	..	..	..	..	..	6,356	*344	Rather short fracture; broke at a small knot.
*284	broke	..	..	..	..	7,112	*360	Cleavage.
broke	..	..	..	..	..	6,608	*350	Good fracture.
*162	*324	broke	..	..	..	7,840	*464	Long tough fracture.
*147	*207	..	..	..	..	8,232	*416	Do. do.
*230	broke	..	..	..	..	7,280	*448	Very good fibrous fracture.
*3238	..	..	..	..	..	7,028	*493	Do. do.
broke	..	..	..	..	..	6,356	*480	Good fibrous fracture.
..	..	..	..	..	..	6,384	*512	Do. do.
..	..	..	..	..	..	6,494	*508	Good fracture.
*370	broke	..	..	..	..	7,000	*600	Good fibrous fracture.
..	..	..	..	..	..	3,640	*265	Short and sudden fracture.
..	..	..	..	..	..	3,880	*228	Do. do.
..	..	..	..	..	..	1,900	*410	Fibrous fracture.
..	..	..	..	..	..	4,934	*470	Good fracture.
..	..	..	..	..	..	4,312	*356	Do.
..	..	..	..	..	..	4,312	*167	Do.
*232	broke	..	..	..	..	7,168	*402	Fibres parted and cleavage.
*321	..	..	..	..	..	7,168	*463	Long fracture.
..	..	..	..	..	..	4,704	*310	Short and sudden fracture.
..	..	..	..	..	..	4,928	*244	Very short and sudden fracture.
..	..	..	..	..	..	4,256	*330	Very short fracture.
..	..	..	..	..	..	3,696	*300	Rather short fracture.
*292	broke	..	..	..	..	7,168	*523	Good fibrous fracture.
*254	..	..	..	..	..	7,280	*429	Good fibrous fracture and cleavage.
..	..	..	..	..	..	4,200	*280	Short fracture.
..	..	..	..	..	..	3,780	*289	Do.
..	..	..	..	..	..	5,208	*765	Do.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
NEW SOUTH WALES (NORTH).							
111 B.	Water Gum -	- - - -	1½ by 1½	126	200	359	broke
111 C.	Do. -	- - - -	"	170	204	375	"
111 D.	Do. -	- - - -	"	186	216	385	"
114 A.	Brush Iron Bark -	- - - -	"	206	151	broke	"
114 B.	Do. -	- - - -	"	205	150	2488	broke
NEW SOUTH WALES (SOUTH).							
1 A.	White or Pale Iron Bark.	Eucalyptus, sp. -	1½ by 1½	200	204	260	276
1 B.	Do. -	Do. -	2 by 2	203	256	272	289
1 C.	Do. -	Do. -	1½ by 1½	251	265	208	208
1 D.	Do. -	Do. -	"	252	260	287	208
2 A.	White Iron Bark -	Do. -	2 by 2	251	271	299	216
2 B.	Do. -	Do. -	"	247	266	285	216
2 C.	Do. -	Do. -	"	248	272	282	218
3 A.	Iron bark -	Do. -	1½ by 1½	262	285	217	263
3 B.	Do. -	Do. -	2 by 2	250	266	288	213
3 C.	Do. -	Do. -	"	257	271	286	222
4 A.	Broad-leaved Rough Iron Bark.	Do. -	"	271	226	222	252
4 B.	Do. -	Do. -	"	260	282	216	216
4 C.	Do. -	Do. -	"	261	282	206	216
4 D.	Do. -	Do. -	"	258	208	204	213
5 A.	Iron Bark -	Do. -	"	248	266	284	208
5 B.	Do. -	Do. -	"	256	278	260	225
5 C.	Do. -	Do. -	"	274	294	216	244
5 D.	Do. -	Do. -	"	265	277	298	222
7 A.	Narrow-leaved Smooth or Red Iron Bark.	Do. -	1½ by 1½	268	292	222	256
7 B.	Do. -	Do. -	"	265	292	219	256
7 C.	Do. -	Do. -	"	265	292	219	256
8 A.	Narrow-leaved Iron Bark.	Eucalyptus, sp. -	2 by 2	235	265	207	209
8 B.	Do. -	Do. -	"	2325	205	207	211
8 C.	Do. -	Eucalyptus, sp. -	"	250	275	260	240
8 D.	Do. -	Do. -	"	245	279	260	245
10 A.	Box of Illawarra -	Do. -	1½ by 1½	260	2325	215	broke
10 B.	Do. -	Do. -	"	276	211	212	"
10 C.	Do. -	Eucalyptus, sp. -	2 by 2	268	268	240	"
10 D.	Do. -	Do. -	2 by 1½	274	262	219	262
11 A.	Bastard Box of Illawarra.	Do. -	2 by 2	268	272	287	263
11 B.	Do. -	Do. -	"	268	278	267	219
11 C.	Do. -	Do. -	"	268	278	267	219
11 D.	Do. -	Do. -	"	268	278	267	219
12 A.	True or Yellow Box of Camden.	Eucalyptus corymbosa -	2 by 2	248	276	broke	"
12 B.	Do. -	Do. -	"	216	broke	"	"
12 C.	Do. -	Do. -	"	216	broke	"	"
13 A.	Bastard Box -	Eucalyptus sp. -	"	229	2125	broke	"
13 B.	Do. -	Do. -	"	258	276	262	211
13 C.	Do. -	Do. -	"	258	277	260	210
13 D.	Do. -	Do. -	"	261	279	260	210
13 A.	Do. -	Do. -	"	252	207	209	214
13 A.	Do. -	Do. -	"	252	207	209	214
14 A.	Do. -	Eucalyptus sp. -	2 by 2	254	271	267	208
14 B.	Do. -	Do. -	"	266	269	216	216
14 C.	Do. -	Do. -	"	266	268	212	212
14 D.	Do. -	Do. -	"	265	265	209	215
15 A.	Box -	Eucalyptus sp. -	1½ by 1½	266	254	258	broke
15 B.	Do. -	Do. -	2 by 2	271	294	257	268
15 C.	Do. -	Do. -	"	261	276	212	broke
16 A.	Flooded Gum -	Do. -	1½ by 1½	266	274	208	"
17 A.	Dhackai Courroo -	Do. -	2 by 2	266	297	217	225

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	5,040	*540	Short fracture.
..	..	..	..	..	..	5,124	*634	Short and sudden fracture.
..	..	..	..	..	..	5,012	*918	Good tough fracture.
..	..	..	..	..	..	4,256	*319	Good fracture and slight cleavage.
..	..	..	..	..	..	4,732	*380	Good fibrous fracture.
*005	*123	*155	broke	..	..	9,912	*220	Cleavage only.
*108	*132	*168	*210 *278 and *308	*288	broke	11,648	*376	Cleavage and good fibrous fracture.
*12	*151	*205	..	..	..	10,080	*308	Cleavage.
*132	*16	*213	broke	..	..	9,996	*375	Good and long fibrous fracture.
*159	*224	broke	..	..	..	8,624	*380	Fracture and cleavage.
*160	broke	..	..	..	..	7,784	*205	Good fracture and cleavage.
*158	*229	broke	..	..	..	8,540	*376	
*235	broke	..	..	..	..	6,832	*423	Good fracture.
*147	*221	broke	..	..	..	8,204	*337	Good fracture and cleavage.
*161	broke	..	..	..	..	7,812	*330	Good fracture.
*209s	"	..	..	..	..	7,112	*290	Good fibrous fracture.
*182	"	..	..	..	..	7,560	*235	Cleavage.
*186	*288s	broke	..	..	..	8,316	*425	Cleavage and fibrous fracture; sap on the under side.
*173	broke	..	..	..	..	7,616	*24	Cleavage; fibre parted a little.
*138	*183	broke	..	..	..	8,792	*260	Good fibrous fracture.
*178s	*238	..	..	..	..	8,400	*415	Do.
*198s	*244	broke	..	..	..	7,840	*395	Good fracture.
*151	*196	"	..	..	..	8,736	*350	Good fibrous fracture.
*221	broke	..	..	..	..	7,364	*38	Good fibrous fracture and cleavage.
broke	..	..	..	..	..	6,244	*19	Cleavage.
*135	*215	..	..	..	..	7,952	..	
*16	broke	..	..	..	..	7,588	..	Good fibrous fracture.
*217	..	..	..	..	..	7,700	..	Long good fracture.
*165	*270	broke	..	..	..	7,952	..	Rather short diagonal fracture.
..	..	..	..	..	..	4,620	*415	Rather short fracture.
..	..	..	..	..	..	5,488	*506	Good fracture.
..	..	..	..	..	..	5,152	*294	Good fibrous fracture.
*230s	*438	broke	..	..	..	8,008	*656	Cleavage and good fibrous fracture.
*128	*161	*232	broke	..	..	9,856	*44	
*155	broke	..	..	..	..	7,308	*182	Cleavage.
..	..	..	..	..	..	3,808	*253	Short fracture.
..	..	..	..	..	..	3,192	*255	Rather short fracture; slightly worm-eaten.
..	..	..	..	..	..	3,416	*284	Good fracture.
*133	*170	*239	broke	..	..	2,408	*352	Exceedingly good fibrous fracture.
*168	*220	broke	..	..	..	8,400	*280	Cleavage.
*167	*234	..	..	..	..	8,872	*288	Do.
*149	*19	"	..	..	..	8,848	*297	Good fibrous fracture.
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	..	..	
*142	*197	broke	..	..	..	8,876	*335	Cleavage.
*219	broke	..	..	..	..	7,336	*297	Do.
broke	..	..	..	..	..	6,216	..	
*185	broke	..	..	..	..	7,280	..	
..	..	..	..	..	..	4,480	*350	Short fracture.
broke	..	..	..	..	..	5,600	*460	Good fracture, but inclined to be short.
..	..	..	..	..	..	5,432	*460	Good fracture.
..	..	..	..	..	..	4,256	*400	Rather short fracture.
*214	broke	..	..	..	..	7,728	*4	Good fibrous fracture.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	lbs. 2,240	lbs. 3,430	lbs. 4,480	lbs. 5,600
NEW SOUTH WALES (SOUTH).							
17 B.	Dthackai Courroo	Eucalyptus, sp.	" 2 by 2	·052	·085	·124	·152
17 C.	Do.	Do.	"	·055	·085	·111	·15
17 D.	Do.	Do.	"	·045	·065	·09	·12
18 A.	Blue Gum of Coast Districts.	Eucalyptus, sp.	" 2 by 2	·107	·103	broke	..
18 B.	Do.	Do.	"	·100	·162	broke	..
18 C.	Do.	Do.	"	·078	·138	·285	broke
19 A.	Blue Gum of Camden	Do.	"	·106	·1508	broke	..
19 B.	Do.	Do.	"	·101	broke	..	..
19 C.	Do.	Do.	"	·101	·150	broke	..
19 D.	Do.	Do.	"	·103	·157	"	..
20 A.	Blue Gum	Do.	"	·116	·180	"	..
20 B.	Do.	Do.	"	·104	·1578	·261	broke
20 C.	Do.	Do.	"	..	..	..	..
20 D.	Do.	Do.	"	..	..	..	..
21 A.	Do.	Do.	"	·076	·101	·128	·163
21 B.	Do.	Do.	"	·080	·110	·140	·192
21 C.	Do.	Do.	"	..	..	..	..
21 D.	Do.	Do.	"	..	..	..	..
23 A.	Grey Gum	Do.	" 2 by 1½	·074	·104	·142	·212
23 B.	Do.	Do.	" 2 by 2	·075	·103	·138	·190
23 C.	Do.	Do.	"	..	..	..	..
23 D.	Do.	Do.	"	..	..	..	..
24 A.	Woolly Butt of Illawarra.	Do.	"	·058	·080	·111	·153
24 B.	Do.	Do.	"	·078	·118	·185	·144
24 C.	Do.	Do.	"	..	..	..	..
24 D.	Do.	Do.	"	..	..	..	..
25 A.	Rough-barked Gum	Eucalyptus, sp.	" 2 by 2	·085	·141	·145	·196
25 B.	Do.	Do.	"	·008	·120	·170	·2578
25 C.	Do.	Do.	"	..	..	..	..
25 D.	Do.	Do.	"	..	..	..	..
26 C.	Spotted or Mottled Gum.	Do.	"	..	..	..	..
26 D.	Do.	Do.	"	..	..	..	..
27 A.	Black Butt Gum	Eucalyptus media?	" 1½ by 1½	·070	·092	·123	·182
27 B.	Do.	Do.	" 1½ by 1½	·050	·090	·138	·251
27 C.	Do.	Do.	"	·076	·106	·158	·219
27 D.	Do.	Do.	"	·056	·081	·117	·178
37 A.	Do.	Eucalyptus, sp.	"	·071	·097	·140	·186
37 B.	Do.	Do.	" 1½ by 1½	·082	·122	·173	broke
37 C.	Do.	Do.	"	..	..	..	..
37 D.	Do.	Do.	"	..	..	..	..
38 A.	Grey Gum from Brisbane Water.	Eucalyptus, sp.	" 2 by 2	·097	·089	·120	·156
38 B.	Do.	Do.	"	·082	·088	·124	·180
38 C.	Do.	Do.	"	·070	·094	·122	·160
38 D.	Do.	Do.	"	·090	·086	·121	·174
40 A.	Messmate	Do.	"	·070	·098	·140	·21
40 B.	Do.	Do.	"	·072	·104	·158	·214
40 C.	Do.	Do.	"	·074	·102	·137	·188
40 D.	Do.	Do.	"	·064	·092	·134	·204
42 A.	Swamp Mahogany	Do.	"	·100	·148	·242a	broke
42 B.	Do.	Do.	"	·072	·102	·153	·208
42 C.	Do.	Do.	"	·074	·115	·180	·2488
43 A.	Do.	Do.	"	·099	·151	broke	..
43 B.	Do.	Do.	"	·095	·140	·220	broke
43 C.	Do.	Do.	"	·112	·212	broke	..
43 D.	Do.	Do.	"	·096	·160	·220	broke
44 A.	Mahogany	Do.	"	·086	·12	·177	..
44 B.	Do.	Do.	"	·072	·099	·135	·19
44 C.	Do.	Do.	"	..	..	..	..
44 D.	Do.	Do.	"	..	..	..	..
46 A.	Stringy Bark of Coast	Do.	"	·079	·098	·134	·184
46 B.	Do.	Do.	"	·068	·094	·126	broke
46 C.	Do.	Do.	"	·057	·081	·114	·175
46 D.	Do.	Do.	"	·068	·090	·111	·15

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
214 broke	broke	..	..	..	..	7,725	*34	Cleavage, good fibrous fracture.
..	..	..	..	..	..	6,570	..	..
18 broke	broke	..	..	..	..	7,392	..	..
..	..	..	..	..	..	4,032	*270	Good but not fibrous fracture.
..	..	..	..	..	..	4,144	*290	Fracture inclined to be short.
..	..	..	..	..	..	1,620	*446	Good fibrous fracture.
..	..	..	..	..	..	3,472	*100	Rather short fracture; very much
..	..	..	..	..	..	3,360	*155	worm-eaten.
..	..	..	..	..	..	3,360	*180	Rather short fracture; specimen
..	..	..	..	..	..	..	..	worm-eaten.
..	..	..	..	..	..	3,472	*182	Do. do.
..	..	..	..	..	..	3,668	*215	Short fracture.
..	..	..	..	..	..	4,480	*288	Do.
223 broke	broke	..	..	..	..	7,728	*392	Good fibrous fracture.
320s	..	..	..	..	..	7,000	*402	Do.
broke	..	..	..	..	..	5,656	*260	Short fracture.
..	..	..	..	..	..	6,440	*300	Do.
..	..	..	..	..	..	6,720	*242	Fibres slightly parted, and slight
..	..	..	..	..	..	6,216	*395	cleavage. Good fibrous fracture.
..	..	..	..	..	..	6,636	*350	Tolerably good fracture; inclined to
..	..	..	..	..	..	5,824	*344	be short. Tolerably good fracture.
..	..	..	..	..	..	..	..	No experiments.
broke	..	..	..	..	..	6,412	*299	Cleavage.
..	..	..	..	..	..	6,104	*460	Good fibrous fracture.
..	..	..	..	..	..	5,992	*416	Do.
317s broke	broke	..	..	..	..	6,888	*358	..
broke	..	..	..	..	..	6,720	*280	Long good fracture.
..	..	..	..	..	..	5,264	*286	Tolerably good fracture
broke	..	..	..	..	..	6,328	*245	Cleavage in a shake
..	..	..	..	..	..	5,712	*210	Cleavage through centre
230 broke	broke	..	..	..	..	7,280	*295	Cleavage.
broke	..	..	..	..	..	6,104	*210	Do.
..	..	..	..	..	..	5,880	*310	Short fracture.
..	..	..	..	..	..	5,964	*340	Cleavage and fibres parted slightly.
..	..	..	..	..	..	5,936	*316	Good fracture.
..	..	..	..	..	..	6,216	*340	Do.
..	..	..	..	..	..	5,040	*523	Do.
broke	..	..	..	..	..	5,712	*556	Good fibrous fracture and cleavage;
..	..	..	..	..	..	..	..	large worm-hole in centre of top side.
..	..	..	..	..	..	5,600	*550	Good fibrous fracture.
..	..	..	..	..	..	4,480	*339	Very slight fracture.
..	..	..	..	..	..	4,704	*518	Good fracture.
..	..	..	..	..	..	4,088	*554	Do.
..	..	..	..	..	..	4,480	*594	Do.
..	..	..	..	..	..	5,516	*269	Rather short fracture.
broke	..	..	..	..	..	6,720	*307	Very short and sudden fracture.
..	..	..	..	..	..	6,552	*295	Cleavage and fibres parted.
..	..	..	..	..	..	6,384	*185	Good fibrous fracture.
broke	..	..	..	..	..	5,880	*348	Good fibrous fracture; slightly worm-
..	..	..	..	..	..	..	..	eaten.
266 broke	broke	..	..	..	..	6,720	*332	Do. do.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
NEW SOUTH WALES (SOUTH).							
47 A.	Stringy Bark, Appin	Eucalyptus, sp.	2 by 2	•071	•092	•122	•178
47 B.	Do.	Do.	"	•076	•100	•126	•170
47 C.	Do.	Do.	"	•073	•102	•147	•230
47 D.	Do.	Do.	"	•072	•096	•131	•195
48 A.	Stringy Bark, Camden.	Eucalyptus, sp.	"	•069	•091	•121	•189
48 B.	Do.	Do.	"	•073	•102	•147	•230
48 C.	Stringy Bark	Do.	"	•072	•096	•131	•195
48 D.	Do.	Do.	"	•057	•078	•108	•168
49 A.	Stringy Bark, Ber-rima.	Do.	"	•069	•098	•146	•261
49 B.	Do.	Do.	"	•078	•115	•184	broke
49 C.	Do.	Do.	"	•064	•093	•129	•246
49 D.	Do.	Do.	"	•073	•110	•182	broke
52 A.	Apple Tree of Coast	Angophora, sp.	"	•074	•109	•180	"
52 B.	Do.	Do.	"	•089	•1828	broke	"
52 C.	Do.	Do.	"	•076	•118	"	"
52 D.	Do.	Do.	"	•091	•148	"	"
53 A.	Apple Tree	Do.	1½ by 1½	•124	broke	"	"
53 B.	Do.	Do.	"	•151	"	"	"
53 C.	Do.	Do.	"	•159	"	"	"
53 D.	Do.	Do.	"	•140	"	"	"
54 A.	Turpentine	Syncarpia, sp.	"	•078	•112	•163	broke
54 B.	Do.	Do.	"	•071	•104	•152	"
55 A.	Water Gum	Tristania verticillata	1½ by 1½	•081	•115	•171	•256
55 B.	Do.	Do.	"	•062	•111	•178	broke
57 A.	Hickory	Tristania, sp.	"	•077	•116	•173	•260
55 B.	Do.	Do.	2 by 2	•070	•115	•210	broke
57 C.	Do.	Do.	1½ by 1½	•099	•156	•276	"
57 D.	Do.	Do.	"	•088	•135	•296	"
59 A.	Prickly Tea Tree	Melaleuca styphelioides	"	•106	•2258	broke	"
59 B.	Do.	Do.	"	•102	•210	"	"
60 A.	Common Tea Tree	Melaleuca uncinata	"	•106	•161	"	"
60 B.	Do.	Do.	"	•130	•286	"	"
60 C.	Do.	Do.	"	•118	•2068	"	"
64 A.	Broad-leaved Tea Tree.	Callistemon pallidum	"	•070	•102	•157	•245
64 B.	Do.	Do.	"	•083	•116	•165	broke
70 A.	Myrtle	Acmena	"	•078	•105	•154	•227
70 B.	Do.	Do.	"	•091	•130	•190	broke
84 A.	Black Wattle of Illawarra.	Acacia binervata	"	•068	•078	•111	•170
84 B.	Do.	Do.	"	•070	•094	•135	•206
105 A.	River, or White Oak	Casuarina, sp.	2 by 2	•078	•110	•152	•223
105 B.	Do.	Do.	"	•078	•122	•182	broke
108 A.	Beech Brush Cherry	Trochocarpa laurina	1½ by 1½	•106	•315	broke	"
108 B.	Do.	Do.	"	•154	•322	"	"
120 A.	Teak Wood	Endiandra glauca	2 by 2	broke	"	"	"
120 B.	Do.	Do.	"	•123	broke	"	"
125 A.	Maiden's Blush	"	1½ by 1½	broke	"	"	"
125 B.	Maiden's Blush; Ladies' Blush.	"	2 by 2	•208	broke	"	"
125 C.	Do.	"	"	•120	"	"	"
125 D.	Do.	"	"	•169	"	"	"
127 A.	Tamarind Tree	Cupania Australis	"	•090	•176	broke	"
136 A.	White Myrtle, Blue Ash.	Aphanopetalum, sp.	"	•228	broke	"	"
136 B.	White Maple	"	"	•128	"	"	"
136 C.	Do.	"	"	•122	"	"	"
136 D.	Do.	"	"	•174	"	"	"
137 A.	Wallandum Deyem	Pittosporum undulatum	1½ by 1½	•100	•157	•271	broke
137 B.	Do.	Do.	2 by 2	•090	•118	•173	"

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
*279	broke	..	..	..	..	7,000	*365	Good fibrous fracture; started at a worm-hole.
*2868	"	..	..	..	..	6,720	*315	Rather short fibrous fracture.
broke	..	..	..	..	..	5,936	*284	Cleavage; slight shakes in specimen.
"	..	..	..	..	..	6,244	*380	Good fibrous fracture and cleavage.
"	..	..	..	..	..	6,572	*485	Good fibrous fracture.
"	..	..	..	..	..	6,384	*270	Fibres slightly parted, and cleavage.
"	..	..	..	..	..	5,600	*274	Sudden fracture; inclined to be short.
..	..	..	..	..	..	5,208	*330	Good fracture.
broke	..	..	..	..	..	5,768	*348	Fibres slightly parted, and cleavage.
..	..	..	..	..	..	5,124	*378	Good fibrous fracture.
..	..	..	..	..	..	4,760	*275	Good long fracture.
..	..	..	..	..	..	3,528	*479	Good, but not very fibrous, diagonal fracture.
..	..	..	..	..	..	4,480	*191	Cleavage in gum vein, and slight fibrous fracture.
..	..	..	..	..	..	4,060	*430	Not a good fracture; defective specimen.
..	..	..	..	..	..	2,800	*324	Short but slightly fibrous fracture.
..	..	..	..	..	..	2,856	*500	Rather short fracture.
..	..	..	..	..	..	3,192	*520	Tolerably good fracture.
..	..	..	..	..	..	3,024	*490	Good fracture.
..	..	..	..	..	..	5,614	*280	Rather short fracture.
..	..	..	..	..	..	5,376	*260	Do.
broke	..	..	..	..	..	6,440	*600	Good fracture.
..	..	..	..	..	..	5,600	*398	Do.
broke	..	..	..	..	..	5,600	*580	Good fracture; small fibres.
..	..	..	..	..	..	5,320	*550	Do. do.
..	..	..	..	..	..	5,208	*600	Do. do.
..	..	..	..	..	..	4,928	*554	Good fracture; small fibres; large worm-holes at end of specimen.
..	..	..	..	..	..	3,472	*295	Tolerably good fracture.
..	..	..	..	..	..	3,584	*292	Rather short fracture; small fibres.
..	..	..	..	..	..	4,256	*265	Rather short and sudden diagonal fracture.
..	..	..	..	..	..	3,472	*295	Do. do.
..	..	..	..	..	..	3,360	*260	Long diagonal fracture.
broke	..	..	..	..	..	5,078	*300	Rather short fracture.
..	..	..	..	..	..	5,432	*305	Part short and part long fracture.
broke	..	..	..	..	..	6,272	*400	Long diagonal fracture.
..	..	..	..	..	..	4,084	*284	Rather short fracture.
*3338 broke	..	..	..	..	..	6,916	*600	Good fracture; small fibres.
broke	..	..	..	..	..	6,720	*535	Do. do.
"	..	..	..	..	..	6,552	*430	Good, but rather short fracture.
"	..	..	..	..	..	5,460	*390	Do. do.
..	..	..	..	..	..	3,366	*370	Rather short fracture.
..	..	..	..	..	..	3,528	*568	Short, but fibrous fracture.
..	..	..	..	..	..	1,456	*170	Very short and sudden fracture; broke in two pieces.
..	..	..	..	..	..	3,052	*230	Short fracture.
..	..	..	..	..	..	2,184	*320	Very short fracture.
..	..	..	..	..	..	2,576	*305	Short fracture.
..	..	..	..	..	..	3,080	*222	Short fracture.
..	..	..	..	..	..	2,576	*230	Do.
..	..	..	..	..	..	3,808	*278	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,576	*425	Good fracture.
..	..	..	..	..	..	3,360	*268	Short fracture.
..	..	..	..	..	..	3,360	*236	Fracture inclined to be short; symptoms of dry rot.
..	..	..	..	..	..	3,080	*510	Do. do.
..	..	..	..	..	..	4,872	*370	Rather short diagonal fracture.
..	..	..	..	..	..	5,376	*482	Good fracture, not fibrous.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
NEW SOUTH WALES (SOUTH).							
139 A.	White Myrtle, Blue Ash, and Ash.						
140 A.	Light Wood -	<i>Ceratopetalum apetalum</i>	2 by 2	145	broke		
140 B.	Light Wood, Leather Jacket, Coach Wood.	Do.		109	176	broke	
154 A.	Red Ash, Leather Jacket, Coopers' Wood.	<i>Alphitonia</i> , sp.		106	114	181	broke
154 B.	Do.	Do.					
155 A.	Found at Irrawarra.	<i>Rhamnaceae</i>		103	137	242	
155 B.	Do.	Do.		103	114	183	
171 A.	White Beech, Beech	<i>Vitex</i> sp.		104	102	158	
171 B.	Do.	Do.		188	broke		
171 C.	Do.	Do.		broke			
171 D.	Do.	Do.					
177 A.	Mountain Ash	<i>Elaeocarpus</i> , sp.		152	broke		
177 B.	Do.	Do.	14 by 14	182	136	360	broke
177 C.	Do.	Do.		107	126	broke	
177 D.	Do.	Do.	14 by 14	109	134		
				108	166		

## NEW SOUTH WALES (FROM HUNTER RIVER).

1 A.	Blue Gum						
3 A.	Grey Gum		2 by 2	103	104	117	168
5 A.	Iron Bark		2 by 2	107	104	128	167
				150	109	102	129
5 B.	Iron Bark						
6 B.	Mahogany			104	103	107	115
7 A.	Tea Tree						
7 Aa.	Do.			103	150	broke	
8 A.	Iron Bark			114	broke		
8 B.	Do.			broke			
9 A.	Blue Gum			103	107	101	107
				104	107	104	107
A.	Pine			152	104	108	157
				107	218	broke	

## QUEENSLAND.

1 A.	Bunya Bunya	<i>Arancaria</i>	<i>Bidwillii</i>	2 by 2	162	broke	
1 B.	Do.	Hook.					
1 Aa.	Do.	Do.			151		
1 Ab.	Do.	Do.			192		
2 A.	Moreton Bay Pine	<i>Arancaria</i>	<i>Cunninghamii</i>		164		
		Ait.			broke		
2 B.	Do.	Do.					
2 Aa.	Do.	Do.			218	broke	
2 Ab.	Do.	Do.			146		
4 A.	Cypress Pine	<i>Octelimis</i>	<i>Backhousei</i>	14 by 14	broke		
5 A.	She-Pine	<i>Podocarpus elatus</i> , R.B.		2 by 2	114	broke	
5 B.	Do.	Do.			135		
5 Aa.	Do.	Do.			108		
5 Ab.	Do.	Do.			110		
6 A.	Forest Oak	<i>Casuarina torulosa</i> , R.B.			105	108	114
6 B.	Do.	Do.			107	107	136
6 Aa.	Do.	Do.			107	107	136
6 Ab.	Do.	Do.			107	107	136
7 A.	River Oak	<i>Casuarina distyla</i> , Vent.		2 by 14	115	broke	
8 A.	Shingle Oak	<i>Casuarina stricta</i> , R.B.		2 by 2	133		
8 B.	Do.	Do.					
8 Aa.	Do.	Do.			100		
8 Ab.	Do.	Do.			101		
		Do.			116		

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Frac- ture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	3,136	*410	Good fracture.
..	..	..	..	..	..	3,968	*290	Long fracture.
..	..	..	..	..	..	5,264	*294	Rather short fracture.
..	..	..	..	..	..	4,508	*315	Do. do.
..	..	..	..	..	..	4,648	*235	Short fracture.
..	..	..	..	..	..	5,320	*250	Cleavage and fibres parted slightly.
..	..	..	..	..	..	2,240	*198	Short and sudden fracture.
..	..	..	..	..	..	2,240	*276	Short fracture.
..	..	..	..	..	..	2,184	*200	Short diagonal fracture.
..	..	..	..	..	..	2,856	*260?	Fracture inclined to be short.
..	..	..	..	..	..	4,480	*400	Good fracture.
..	..	..	..	..	..	4,284	*390	Do.
..	..	..	..	..	..	3,508	*350	Not a very good fracture.
..	..	..	..	..	..	4,144	*350	Tolerably good fracture.
*2548	broke	..	..	..	..	7,000	*300	Good fracture.
*2568	..	..	..	..	..	7,168	*320	Very good fracture.
*1738	*270	broke	..	..	..	8,008	..	The fracture started with cleavage in a shake; fibres parted a little.
*160	*2488	broke	..	..	..	8,120	*405	Very good fracture and afterwards cleavage.
..	..	..	..	..	..	3,360	*150	Short and sudden fracture.
..	..	..	..	..	..	3,102	*214	Fracture quite short and sudden.
..	..	..	..	..	..	2,128	*162	Diagonal sudden fracture, not fibrous.
..	..	..	..	..	..	9,446	*200	Cleavage; fracture of one splinter.
*106	*133	*171	broke	..	..	9,446	*202	Part cleavage and part fracture.
*1398	*177	broke	..	..	..	9,154	*550	Cleavage and good fibrous gradual fracture.
*465	broke	..	..	..	..	6,860	..	..
..	..	..	..	..	..	3,846	*520	Fracture quite short and sudden; deflection at 1,120, *058 lbs.
..	..	..	..	..	..	2,996	*334	Very short and sudden fracture.
..	..	..	..	..	..	3,052	*383	Short and sudden fracture.
..	..	..	..	..	..	2,660	*337	Do. do.
..	..	..	..	..	..	2,800	*315	Very short and sudden fracture.
..	..	..	..	..	..	2,240	*430	Short and sudden fracture.
..	..	..	..	..	..	2,184	*394	Do. do.
..	..	..	..	..	..	2,427	*432	Do. do.
..	..	..	..	..	..	3,360	*395	Do. do.
..	..	..	..	..	..	2,240	*161	Short grain; sudden fracture.
..	..	..	..	..	..	3,024	*415	Fracture quite short.
..	..	..	..	..	..	3,080	*400	Broke short in two pieces.
..	..	..	..	..	..	3,248	*182	Very short and sudden fracture.
..	..	..	..	..	..	2,632	*150	Do. do.
broke	..	..	..	..	..	6,720	*231	Short and sudden fracture.
..	..	..	..	..	..	5,460	*178	Cleavage, ynd one splinter.
..	..	..	..	..	..	3,864	*210	} Rather short fracture; symptoms of
..	..	..	..	..	..	4,144	*350	dry rot.
..	..	..	..	..	..	2,800	*200	Tolerable fracture; symptoms of dry rot.
..	..	..	..	..	..	2,632	*200	Short fracture; specimen slightly worm-eaten.
..	..	..	..	..	..	2,744	*214	Short fracture; dry rot.
..	..	..	..	..	..	3,192	*160	Very short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,988	*255	Short fracture; symptoms of dry-rot.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection				
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600	
QUEENSLAND.								
9 A.	Swamp Oak -	Casuarina equisetifolia, L.	" "					
9 B.	Do.	Do.	2 by 3	'038	'083	'116	'169	
10 A.	Red Cedar	Cedrela australis, Auct.	"	'071	'102	'152	'237	
10 B.	Do.	Do.	"	'188	broke	"	"	
10 Aa.	Do.	Do.	"	broke	"	"	"	
10 Ab.	Do.	Do.	"	'234	broke	"	"	
11 A.	Light Yellow Wood	Oxleya Xanthoxylon, Hook.	"	broke	"	"	"	
11 B.	Do.	Do.	"	'094	'165	broke	"	
11 Aa.	Do.	Do.	"	'069	'201	"	"	
11 Ab.	Do.	Do.	"	'094	'170	"	"	
12 A.	Flindosa	Flindersia australis, R.B.	"	'116	'223	"	"	
12 B.	Do.	Do.	"	'093	'091	'124	'187	
12 Aa.	Do.	Flindersia australis	"	'083	'121	'188	broke	
12 Ab.	Do.	Do.	"	'060	'086	'121	'188	
13 A.	Do.	Do.	"	'086	'095	'145	'290	
13 B.	Do.	Flindersia Bennettiana, F.M.	"	'070	'122	'358	broke	
13 Aa.	Do.	Do.	"	'094	broke	"	"	
13 Ab.	Do.	Do.	"	'092	'202	broke	"	
14 A.	Do.	Do.	"	'088	'145	"	"	
14 B.	Do.	Flindersia Selwiniana, F.M.	"	broke	"	"	"	
15 A.	Silky Oak	Grevillea robusta, R.B.	2 by 2	'102	broke	"	"	
15 B.	Do.	Do.	"	'152	"	"	"	
15 Aa.	Do.	Do.	"	'137	"	"	"	
15 Ab.	Do.	Do.	"	'216	"	"	"	
16 A.	Beef Wood	Banksia compar, R.B.	"	broke	"	"	"	
16 B.	Do.	Do.	"	"	"	"	"	
16 Aa.	Do.	Do.	"	"	"	"	"	
16 Ab.	Do.	Do.	"	"	"	"	"	
17 A.	Tulip Tree	Agnostus sinuatus, A. Cunn.	"	"	"	"	"	
17 Ab.	Do.	Do.	"	'082	broke	"	"	
17 Aa.	Do.	Do.	"	'138	'373	broke	"	
17 Ab.	Do.	Do.	"	'077	'153	"	"	
18 A.	Do.	Do.	"	'113	'251	"	"	
18 B.	Do.	Aralia elegans, Cunn.	"	broke	"	"	"	
19 A.	Light Wood -	Do.	"	"	"	"	"	
19 B.	Do.	Ceratopetalum apetalum, Don.	"	'078	'112	'160	'275	
19 Aa.	Do.	Do.	"	'070	'110	'200	broke	
19 Ab.	Do.	Do.	"	'068	'100	'151	'207	
20 A.	Callhum	Do.	"	"	"	"	"	
20 B.	Do.	Elaeocarpus grandis, F.M.	"	'072	'115	'184	broke	
20 Aa.	Do.	Do.	"	'070	'095	'132	'185	
20 Ab.	Do.	Do.	"	'065	'080	'111	'141	
20 Ba.	Do.	Do.	"	'105	'206	broke	"	
20 Bb.	Do.	Do.	"	'108	broke	"	"	
21 A.	Cabbage Tree	Do.	"	'103	"	"	"	
21 B.	Do.	Do.	"	'110	"	"	"	
23 A.	Mountain Ash	Corypha australis, R.B.	"	'140	"	"	"	
23 B.	Do.	Do.	"	'122	"	"	"	
23 Aa.	Do.	Alphitonia excelsa, Reisch.	"	'074	'110	'175	broke	
23 Ab.	Do.	Do.	"	'086	'173	broke	"	
24 A.	Broad-leaved Cherry	Do.	"	'058	'080	'107	'146	
24 B.	Do.	Excoecarpus latifolius, R.B.	"	'006	'091	'125	'176	
		Do.	"	'061	'082	'107	'140	
		Do.	"	'007	'092	'131	'164	

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Frac- ture.	REMARKS.
lbs.	lbs.	lbs.	lbs.	lbs.	lbs.			
6,720	7,840	8,960	10,080	11,200	12,320			
broke	..	..	..	..	..	5,853	*340	Tolerable fracture; specimen shaky, but without any apparent effect.
..	..	..	..	..	..	5,740	*344	Tolerable fracture.
..	..	..	..	..	..	2,520	*235	Diagonal cleavage.
..	..	..	..	..	..	1,120	*130	
..	..	..	..	..	..	2,296	*470	Rather short fracture.
..	..	..	..	..	..	1,948	*254	Rather short diagonal fracture.
..	..	..	..	..	..	4,312	*365	Short fracture.
..	..	..	..	..	..	3,920	*430	Good fracture.
..	..	..	..	..	..	4,088	*405	Cleavage; symptoms of dry rot.
..	..	..	..	..	..	3,688	*395	Good fracture; symptoms of dry rot.
*328 broke	..	..	..	..	..	7,252	*700	Good fracture; small fibres.
..	..	..	..	..	..	4,928	*250	Cleavage.
*410 broke	..	..	..	..	..	6,776	*530	Very good, part fracture and part cleavage.
broke	..	..	..	..	..	5,000	*762	Cleavage.
..	..	..	..	..	..	4,490	*400	Cleavage, and part fibrous fracture; symptoms of dry rot.
..	..	..	..	..	..	3,136	*180	Long fracture.
..	..	..	..	..	..	3,696	*286	Rather short and sudden fracture.
..	..	..	..	..	..	4,340	*300	Short and sudden fracture; symptoms of dry rot in specimen.
..	..	..	..	..	..	784	*210	Very short and sudden fracture; symptoms of dry rot.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	2,688	*530	Tough, short, and rather fibrous fracture.
..	..	..	..	..	..	3,024	*655	Tough, short fracture.
..	..	..	..	..	..	2,966	*465	Rather short fibrous fracture.
..	..	..	..	..	..	2,380	*440	Do. do.
..	..	..	..	..	..	2,184	*430	Rather short fracture.
..	..	..	..	..	..	2,128	*345	Rather short fracture; symptoms of being worm-eaten.
..	..	..	..	..	..	2,044	*420	Short fracture.
..	..	..	..	..	..	1,904	*340	Do.
..	..	..	..	..	..	3,304	*335	Cleavage only.
..	..	..	..	..	..	3,528	*610	Tough, fibrous fracture.
..	..	..	..	..	..	3,752	*200	Cleavage; symptoms of dry rot.
..	..	..	..	..	..	3,556	*430	Good fracture; small fibres.
..	..	..	..	..	..	1,820	*370	Very short and sudden fracture; slight symptoms of dry rot.
..	..	..	..	..	..	850	*090	Very short fracture.
broke	..	..	..	..	..	5,936	*390	Rather long fracture.
..	..	..	..	..	..	5,376	*610	Good fracture.
broke	..	..	..	..	..	6,104	*450	Part of the fracture fibrous, and part inclined to be short; symptoms of dry rot.
..	..	..	..	..	..	5,404	*400	Good fracture and cleavage.
broke	..	..	..	..	..	5,936	*400	Defective.
*185 *233 broke	..	..	..	..	..	8,400	*300	Fibres slightly parted, and end cleavage.
..	..	..	..	..	..	3,360	*302	Good fracture.
..	..	..	..	..	..	3,192	*372	Tolerably good fracture.
..	..	..	..	..	..	3,052	*282	Fracture inclined to be short slight symptoms of dry rot.
..	..	..	..	..	..	3,360	*356	Good fracture; slight symptoms of dry rot.
..	..	..	..	..	..	2,744	*390	Cleavage.
..	..	..	..	..	..	2,408	*314	Do.
..	..	..	..	..	..	4,984	*320	Good fracture; symptoms of dry rot.
..	..	..	..	..	..	4,004	*396	Started in sap; symptoms of dry rot.
*210 broke	..	..	..	..	..	7,336	*310	Fibres slightly parted, and cleavage.
broke	..	..	..	..	..	6,048	*338	Good fracture.
..	..	..	..	..	..	6,384	*190	Short and sudden fracture.
..	..	..	..	..	..	6,38	*230	Cleavage.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
QUEENSLAND.							
24 Ag.	Broad-leaved Cherry	Exocarpus latifolius, R. B.	2 by 2	1058	1085	1110	1135
24 Ab.	Do.	Do.	"	1055	1078	1105	1130
25 A.	Cherry	Exocarpus cupressiformis, R. B.	"	1180	broke		
25 B.	Do.	Do.	"	1180			
25 Ag.	Do.	Do.	"	1180	1161	broke	
25 Ab.	Do.	Do.	"	1180	broke		
26 A.	Mangrove	Avicennia tomentosa, L.	"	1120			
26 B.	Do.	Do.	"	1102	1178	broke	
26 Ag.	Do.	Do.	"	1151	broke		
26 Ab.	Do.	Do.	"	1100			
29 A.	Lignum Vitæ	Vitex lignum vitæ, A. Cunn.	"	1081	1112	1151	1180
29 B.	Do.	Do.	"	1081	1116	1162	
29 Ag.	Do.	Do.	"	1076	1101	1140	
29 Ab.	Do.	Do.	"	1075			
30 A.	Beech	Tectona australis, Hill	"	1075	1107	1146	1185
30 B.	Do.	Do.	"	1111	broke		
30 Ag.	Do.	Do.	"	1111			
30 Ab.	Do.	Do.	"	1071	1108	broke	
31 A.	White Cedar	Melia australis, F. M.	"	1100	1101		
31 B.	Do.	Do.	"	1101	broke		
31 Ag.	Do.	Do.	"	1101			
31 Ab.	Do.	Do.	"	broke			
32 A.	Plum Tree	Owenia venosa, F. M.	"	1073	1112	1151	1180
32 B.	Do.	Do.	"	1072	1120	1151	
32 Ag.	Do.	Do.	"	1082			
32 Ab.	Do.	Do.	"	1080	1082	1107	1130
33 A.	Rosewood		"	1080	1105	broke	
33 B.	Do.		"	1080			
33 Ag.	Do.		"	1082			
33 Ab.	Do.		"	1104	1141		
34 A.	Dark Yellow Wood	Rhus elegans, Hill	"	1081	1108		
34 B.	Do.	Do.	"	1078	1125	1151	1180
35 A.	Cugerie		"	1071	1108	1151	1180
35 B.	Do.		"	1118	broke		
35 Ag.	Do.		"	1170			
35 Ab.	Do.		"	1101	1178	broke	
36 A.		Pseudelaugenia tomentosa, F. M.	"	1119	1148		
36 B.		Do.	"	1075	1109	1151	1180
36 Ag.		Do.	"	1080	1122	broke	
36 Ab.		Do.	"	1086	1131		
37 Ag.		Capparis Mitchell.	"	1071	1108	1179	
37 Ab.		Do.	"	broke			
38 A.	Grey Plum	Bushbeckia Endl.	"	1157	broke		
38 B.	Do.	Do.	"	1157			
38 Ag.	Do.	Do.	"	1157			
38 Ab.	Do.	Do.	"	1157			
39 A.	Sassafras	Atherosperma microanthum, Tulane.	"	1102			
39 B.	Do.	Do.	"	1102			
39 Ag.	Do.	Do.	"	1102	1101	broke	
39 Ab.	Do.	Do.	"	1102	broke		
40 A.		Cupania sp.	"	1151			
40 B.		Do.	"	1084	1132	broke	
40 Ag.		Do.	"	1091	1144		
40 Ab.		Do.	"	1097	1188	1257	broke
			"	1071	1106	1157	

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
broke	..	..	..	..	..	6,692	'274	Cleavage in a shake in heart.
..	..	..	..	..	..	6,608	'300	Good fracture and cleavage.
..	..	..	..	..	..	3,080	'370	Very short and sudden fracture; dry rot on the upper side.
..	..	..	..	..	..	3,276	'275	Started at a worm hole.
..	..	..	..	..	..	4,368	'315	Short and sudden fracture.
..	..	..	..	..	..	3,304	'300	Do. do.
..	..	..	..	..	..	2,996	'308	Rather short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,528	'268	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,408	'180	Very short and sudden fracture; dry rot.
..	..	..	..	..	..	2,884	'260	Diagonal fracture: symptoms of dry rot.
..	..	..	..	..	..	5,488	'210	Very short and sudden fracture.
broke	..	..	..	..	..	5,572	'231	Short and sudden fracture.
..	..	..	..	..	..	5,600	'245	Fracture inclined to be short; started at a worm hole and broke suddenly.
..	..	..	..	..	..	5,600	'205	Sudden fracture; inclined to be short.
..	..	..	..	..	..	3,304	'201	Good fracture.
..	..	..	..	..	..	3,024	'270	Do.
..	..	..	..	..	..	3,360	'355	Fibrous fracture.
..	..	..	..	..	..	3,416	'315	Tolerably good fracture.
..	..	..	..	..	..	2,464	'212	Fracture inclined to be short.
..	..	..	..	..	..	2,464	'198	Rather short fracture.
..	..	..	..	..	..	2,184	'176	Do. do.
..	..	..	..	..	..	1,307	'120	
..	..	..	..	..	..	5,264	'320	Good fibrous fracture.
..	..	..	..	..	..	5,124	'474	Fibres slightly parted, and cleavage shaky.
..	..	..	..	..	..	5,488	'420	Good fracture.
..	..	..	..	..	..	4,256	'410	Long diagonal fracture; splinters flew out.
..	..	..	..	..	..	4,452	'387	Tough cleavage only.
..	..	..	..	..	..	4,004	'410	Good fracture; inclined to be short.
..	..	..	..	..	..	3,472	'380	Rather short fracture.
..	..	..	..	..	..	3,472	'380	Do. do.
..	..	..	..	..	..	4,648	'290	Good fracture.
..	..	..	..	..	..	4,620	'350	Rather long but not fibrous fracture.
..	..	..	..	..	..	2,800	'320	Short fracture.
..	..	..	..	..	..	2,464	'310	Do.
..	..	..	..	..	..	3,388	'388	Good fibrous fracture.
..	..	..	..	..	..	3,360	'452	Do. do.
..	..	..	..	..	..	5,012	'190	Rather short fracture.
..	..	..	..	..	..	4,480	'240	Cleavage in a shake.
..	..	..	..	..	..	5,600	'314	Very short fracture.
..	..	..	..	..	..	4,480	'198	Cleavage in shake.
..	..	..	..	..	..	1,036	'350	Very short fracture.
..	..	..	..	..	..	728	'195	Very short and sudden fracture.
..	..	..	..	..	..	2,520	'190	Very short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,576	'190	Brittle; diagonal cleavage.
..	..	..	..	..	..	3,576	'213	Very short fracture; symptoms of dry rot in specimen.
..	..	..	..	..	..	2,408	'144	Do. do.
..	..	..	..	..	..	3,052	'275	Long but not fibrous fracture.
..	..	..	..	..	..	3,556	'280	Short fracture.
..	..	..	..	..	..	3,108	'365	Short fracture; not a good specimen.
..	..	..	..	..	..	2,744	'480	Cleavage in a shake, and fibres parted slightly.
..	..	..	..	..	..	3,696	'186	Short fracture; shakes in specimen.
..	..	..	..	..	..	4,200	'264	Very short fracture.
..	..	..	..	..	..	4,480	'240	Very short and sudden fracture.
..	..	..	..	..	..	5,040	'200	Short and sudden fracture; symptoms of dry rot in specimen.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
QUEENSLAND.							
41 A.	.	Cupania pseudorchus, A. Rich.	1½ by 1½	154	broke	..	..
41 B.	.	Do.	2 by 2	141	..	..	..
43 A.	Tamarind Tree	Cupania australis, Hook.	..	155	..	..	..
43 B.	Do.	Do.	..	broke	..	..	..
43 Aa.	Do.	Do.	..	104	168	broke	..
43 Ab.	Do.	Do.	..	135	broke	..	..
44 A.	Tulip Wood	Harpulia pendula, Planch.	..	102	103	147	229
44 B.	Do.	Do.	..	102	109	174	broke
44 Aa.	Do.	Do.	..	100	106	125	200
44 Ab.	Do.	Do.	..	100	101	141	200
45 A.	.	Schmidelia pyriformis, F. M.	..	103	107	174	broke
45 B.	.	Do.	..	106	123	251	..
45 Aa.	.	Do.	..	103	128	228	..
45 Ab.	.	Do.	..	104	105	169	..
46 A.	.	Catha Cunninghamii, Hook.	..	100	129	219	..
46 B.	.	Do.	..	107	150	broke	..
46 Aa.	.	Do.	..	101	122	132	broke
46 Ab.	.	Do.	..	105	136	244	..
47 A.	Lime	Citrus australis, R. B.	..	101	135	260	..
47 B.	Do.	Do.	..	102	174	broke	..
47 Aa.	Do.	Do.	..	100	broke	..	..
47 Ab.	Do.	Do.	..	102	..	..	..
48 A.	.	Cymocoma oblongifolia, Gertn.	..	102	108	145	230
48 B.	.	Do.	..	102	108	132	broke
48 Aa.	.	Do.	..	106	109	164	142
48 Ab.	.	Do.	..	105	100	129	broke
49 A.	.	Mimusops parviflora, Linn.	..	114	109	broke	..
49 B.	.	Do.	..	111	108	broke	..
49 Aa.	.	Do.	..	104	120	217	broke
49 Ab.	.	Do.	..	102	133	broke	..
50 A.	.	Maba geminata, R. B.	..	118	230	..	..
50 B.	.	Do.	..	116	broke	..	..
50 Aa.	.	Do.	..	106	1188	broke	..
50 Ab.	.	Do.	..	102	broke	..	..
51 A.	.	Cargillia australis, R. B.	..	142	..	..	..
51 B.	.	Do.	..	158	..	..	..
52 A.	.	Hodgkinsonia ovatiflora, F. M.	..	120	broke	..	..
52 B.	.	Do.	..	158	..	..	..
52 Aa.	.	Do.	..	105	140	broke	..
52 Ab.	.	Do.	..	100	178	..	..
53 A.	.	Myrtus trinervis, R. B.	..	100	118	209	broke
53 B.	.	Do.	..	108	132	304	..
53 Aa.	.	Do.	..	100	122	204	..
53 Ab.	.	Do.	..	106	147	275	..
54 A.	.	Myrtus argentea, Hill	..	107	110	157	..
54 B.	.	Do.	..	104	120	228	..
54 Aa.	.	Do.	..	101	122	180	..
54 Ab.	.	Do.	..	105	157	broke	..
55 A.	.	Backhousia citriodora, F. M.	..	107	119	204	broke
55 B.	.	Do.	..	104	106	160	151

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Defec- tion at time of Frac- ture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	3,164	*432	Tolerable fracture; defective specimen.
..	..	..	..	..	..	2,800	*240	Short fracture; defective specimen.
..	..	..	..	..	..	2,548	*300	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	1,456	*095	Do. do.
..	..	..	..	..	..	3,360	*210	Very short fracture; dry rot in speci- men.
..	..	..	..	..	..	2,240	*155	Do. do.
broke	..	..	..	..	..	5,992	*424	Good fibrous fracture.
..	..	..	..	..	..	5,516	*430	Good fracture.
broke	..	..	..	..	..	6,334	*301	Rather short fracture.
..	..	..	..	..	..	5,680	*330	Fibres slightly parted, and cleavage.
..	..	..	..	..	..	4,760	*220	Rather long but not fibrous fracture.
..	..	..	..	..	..	4,760	*340	Long diagonal fracture.
..	..	..	..	..	..	4,984	*324	Tolerably good fracture, but inclined to be short.
..	..	..	..	..	..	5,040	*270	Tolerably good fracture.
..	..	..	..	..	..	4,536	*245	Short and sudden fracture.
..	..	..	..	..	..	4,284	*290	Do. do.
..	..	..	..	..	..	5,376	*320	Good fracture; shaky.
..	..	..	..	..	..	4,592	*390	Fracture inclined to be short; symp- toms of dry rot.
..	..	..	..	..	..	4,816	*378	Very short and sudden fracture. Symptoms of dry rot.
..	..	..	..	..	..	3,808	*278	Do. do.
..	..	..	..	..	..	3,136	*180	Do. do.
..	..	..	..	..	..	3,080	*175	Do. do.
broke	..	..	..	..	..	6,384	*398	Good fracture.
..	..	..	..	..	..	5,600	*174	Fracture quite short.
222 broke	..	..	..	..	..	7,252	*410	Good fracture.
..	..	..	..	..	..	5,348	*180	Cleavage in a shake.
..	..	..	..	..	..	3,640	*250	Short and sudden fracture; symptoms of dry rot.
..	..	..	..	..	..	3,584	*260	Half very short and half cleavage; symptoms of dry rot.
..	..	..	..	..	..	4,480	*290	Very short fracture.
..	..	..	..	..	..	4,200	*260	Do. do.
..	..	..	..	..	..	3,360	*275	Cleavage; considerable symptoms of dry rot.
..	..	..	..	..	..	2,716	*200	Short fracture; considerable symp- toms of dry rot.
..	..	..	..	..	..	3,584	*172	Good fracture; considerable symptoms of dry rot.
..	..	..	..	..	..	2,632	*216	Short fracture; considerable symp- toms of dry rot.
..	..	..	..	..	..	2,856	*314	Fibres slightly fractured, and cleavage; considerable symptoms of dry rot.
..	..	..	..	..	..	2,800	*320	End cleavage in a shake; considerable symptoms of dry rot.
..	..	..	..	..	..	2,856	*180	Very short and sudden fracture.
..	..	..	..	..	..	2,968	*250	Short and sudden fracture.
..	..	..	..	..	..	3,920	*195	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,920	*175	Very short fracture.
..	..	..	..	..	..	5,320	*480	Good fracture.
..	..	..	..	..	..	4,928	*470	Do. do.
..	..	..	..	..	..	4,752	*252	Very short fracture.
..	..	..	..	..	..	4,752	*355	Good but rather short fracture, and cleavage in a shake.
..	..	..	..	..	..	5,488	*264	Short fracture.
..	..	..	..	..	..	5,040	*350	Very short fracture.
..	..	..	..	..	..	5,600	*391	Short fracture.
..	..	..	..	..	..	3,528	*249	Rather short fracture; shaky speci- men.
..	..	..	..	..	..	5,152	*350	Good fracture; small fibres.
broke	..	..	..	..	..	5,628	*530	Do. do.

TABLE II.—continued

No. of Specimen.	Local Name.	Botanical Name.	Size, and No. of Leaves by	Length	Breadth	Thickness	Weight
QUEENSLAND.							
55 Aa.	-	Backhousea entradora, F. M.	2 by 2	97	115	180	100
55 Ab.	-	Do.	-	90	107	170	90
56 A.	-	Eucalypta marginata, Hill.	-	90	100	160	80
56 B.	-	Do.	-	90	100	160	80
56 Aa.	-	Do.	-	90	100	160	80
56 Ab.	-	Do.	-	90	100	160	80
57 A.	Ironwood	Eucalypta, sp.	-	90	100	160	80
57 B.	Do.	-	-	90	100	160	80
58 A.	Myrtle	Backhouseia myrtifolia, Hill.	-	90	100	160	80
58 B.	Do.	Do.	-	90	100	160	80
58 Aa.	Do.	Do.	-	90	100	160	80
59 A.	-	Myrtus acuminata, F. M.	-	90	100	160	80
59 B.	-	Do.	-	90	100	160	80
59 Aa.	-	Do.	-	90	100	160	80
59 Ab.	-	Do.	-	90	100	160	80
60 A.	-	Myrtus australis, Hill.	-	90	100	160	80
60 B.	-	Do.	-	90	100	160	80
60 Aa.	-	Do.	-	90	100	160	80
61 A.	(Name in natural order.)	Myrtaceae	-	90	100	160	80
61 B.	-	-	-	90	100	160	80
61 Aa.	(Name in natural order.)	Myrtaceae	-	90	100	160	80
61 Ab.	-	-	-	90	100	160	80
62 A.	Box	Lop-stemon macrophylla, R. B.	-	90	100	160	80
62 B.	Do.	Do.	-	90	100	160	80
62 Aa.	Do.	Do.	-	90	100	160	80
62 Ab.	Do.	Do.	-	90	100	160	80
63 A.	Black Iron Bark	Eucalyptus, sp.	-	90	100	160	80
63 B.	Do.	Do.	-	90	100	160	80
63 Aa.	Do.	Do.	-	90	100	160	80
63 Ab.	Do.	Do.	-	90	100	160	80
64 A.	Grey Iron Bark	Eucalyptus, sp.	-	90	100	160	80
64 B.	Do.	Do.	-	90	100	160	80
64 Aa.	Do.	Do.	-	90	100	160	80
64 Ab.	Do.	Do.	-	90	100	160	80
65 A.	Red Iron Bark	Eucalyptus, sp.	-	90	100	160	80
65 B.	Do.	Do.	-	90	100	160	80
65 Aa.	Do.	Do.	-	90	100	160	80
65 Ab.	Do.	Do.	-	90	100	160	80
66 A.	Stringy Bark	Eucalyptus, sp.	-	90	100	160	80
66 B.	Do.	Do.	-	90	100	160	80
66 Aa.	Do.	Do.	-	90	100	160	80
66 Ab.	Do.	Do.	-	90	100	160	80
67 A.	Spotted Gum	Eucalyptus, sp.	-	90	100	160	80
67 B.	Do.	Do.	-	90	100	160	80
67 Aa.	Do.	Do.	-	90	100	160	80
67 Ab.	Do.	Do.	-	90	100	160	80
68 A.	Turpentine Tree	Eucalyptus, sp.	-	90	100	160	80
68 B.	Do.	Do.	-	90	100	160	80
68 Aa.	Do.	Do.	-	90	100	160	80
68 Ab.	Do.	Do.	-	90	100	160	80
69 A.	Smooth-barked Gum	Eucalyptus, sp.	-	90	100	160	80
69 B.	Do.	Do.	-	90	100	160	80
69 Aa.	Do.	Do.	-	90	100	160	80
69 Ab.	Do.	Do.	-	90	100	160	80
70 A.	Blood Wood	Eucalyptus paniculatus, Sch.	-	90	100	160	80
70 B.	Do.	Do.	-	90	100	160	80
70 Aa.	Do.	Do.	-	90	100	160	80
70 Ab.	Do.	Do.	-	90	100	160	80
71 A.	Swamp Mahogany	Angophora, sp.	2 by 1	100	120	180	100
71 B.	Do.	Do.	2 by 2	100	120	180	100

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Length of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	4,956	*300	Rather short fracture.
..	..	..	..	..	..	3,864	*33	Do. do.
..	..	..	..	..	..	3,304	*955	Tough; good fibrous fracture.
..	..	..	..	..	..	3,080	*980	Do. Do.
..	..	..	..	..	..	3,248	*300	Tolerably good fracture; slight symptoms of dry rot.
..	..	..	..	..	..	2,800	*422	Do. do. do.
broke	..	..	..	..	..	6,608	*500	Very good fibrous fracture and cleavage.
..	..	..	..	..	..	6,384	*500	Good fibrous fracture.
*265 broke	..	..	..	..	..	6,888	*308	Tolerably good fracture.
broke	..	..	..	..	..	6,412	*314	Cleavage.
..	..	..	..	..	..	5,796	*238	Cleavage only.
..	..	..	..	..	..	4,620	*360	Long fracture.
..	..	..	..	..	..	3,360	*540	Tough; good fracture.
..	..	..	..	..	..	3,556	*510	Good fracture; small fibres.
..	..	..	..	..	..	3,528	*470	Good long fracture.
..	..	..	..	..	..	4,076	*320	Good fracture, but not very fibrous.
..	..	..	..	..	..	4,072	*364	Long fracture.
..	..	..	..	..	..	5,152	*373	Short and sudden fracture.
*201 broke	..	..	..	..	..	7,616	*290	Good fracture.
broke	..	..	..	..	..	6,608	*275	Fibres slightly parted, and cleavage.
..	..	..	..	..	..	6,608	*283	Tolerably good fracture diagonal grain.
..	..	..	..	..	..	5,432	*240	Cleavage only; shaky specimen.
..	..	..	..	..	..	4,060	*278	Rather short fracture.
..	..	..	..	..	..	4,144	*292	Rather short fracture; symptoms of dry-rot.
..	..	..	..	..	..	3,136	*220	Short fracture.
..	..	..	..	..	..	3,332	*226	Short and sudden fracture.
*165	*216 broke	..	..	..	..	8,344	*383	Good fracture.
broke	..	..	..	..	..	6,118	*235	Cleavage in a shake.
*201 broke	..	..	..	..	..	7,504	*336	Fibres parted, and cleavage.
*209	..	..	..	..	..	7,504	*315	Do. do.
*180	..	..	..	..	..	7,616	*384	Good fibrous fracture.
broke	..	..	..	..	..	6,136	*300	Cleavage in a shake.
*101	*235 broke	..	..	..	..	8,400	*330	Long, good, fibrous fracture.
*216 broke	..	..	..	..	..	7,392	*390	Good fibrous fracture.
*180	..	..	..	..	..	7,224	*235	Two splinters, and cleavage.
*176	..	..	..	..	..	7,280	*320	Good fibrous fracture.
*177	..	..	..	..	..	7,728	*318	Do. do.
*184	..	..	..	..	..	7,392	*270	Cleavage, and fibres parted.
..	..	..	..	..	..	5,600	*218	Fibres parted, and cleavage.
broke	..	..	..	..	..	5,600	*274	Fibrous fracture.
..	..	..	..	..	..	5,488	*208	Good fracture.
broke	..	..	..	..	..	5,600	*244	Cleavage, and fibres parted.
*221 broke	..	..	..	..	..	7,224	*390	Long fracture.
..	..	..	..	..	..	7,672	*370	Good long fracture.
*138	..	..	..	..	..	8,064	*350	Long fracture; slight shake.
*199 broke	..	..	..	..	..	7,168	*308	Long fracture; cleavage in a shake.
..	..	..	..	..	..	5,976	*180	Cleavage only.
..	..	..	..	..	..	6,104	*406	Good gradual fracture.
broke	..	..	..	..	..	6,104	*270	Good fracture; worm-eaten.
..	..	..	..	..	..	6,272	*320	Long, good fracture.
..	..	..	..	..	..	4,844	*275	Cleavage.
..	..	..	..	..	..	4,792	*564	Cleavage, and fibres parted.
..	..	..	..	..	..	3,808	*514	Good fracture and cleavage.
..	..	..	..	..	..	4,620	*482	Good fracture.
..	..	..	..	..	..	3,836	*268	Rather short fracture.
..	..	..	..	..	..	3,500	*268	Do. do.
..	..	..	..	..	..	4,368	*286	Cleavage only.
..	..	..	..	..	..	4,298	*236	Rather short fracture; shaky specimen.
..	..	..	..	..	..	4,200	*120	Cleavage in gum vein.
*231 broke	..	..	..	..	..	6,720	*315	Cleavage, and fibres parted.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection				
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600	
QUEENSLAND.								
71 Ad.	Swamp Mahogany	Angophora, sp.	2 by 2	074	096	1828	broke	
72 A.	Woolly Butt	Eucalyptus, sp.	"	056	072	096	128	
72 B.	Do.	"	"	055	078	108	146	
72 Ad.	Do.	Eucalyptus, sp.	"	052	072	1008	146	
72 Ad.	Do.	"	"	051	070	092	122	
72 Ad.	Do.	"	"	070	096	128	288	
73 A.	Blue Gum	Eucalyptus, sp.	"	071	106	158	broke	
73 B.	Do.	"	"	070	100	138	"	
73 Ad.	Do.	Eucalyptus, sp.	"	072	110	150	"	
73 Ad.	Do.	"	"	120	260	broke	"	
76 A.	Prickly-leaved Tea Tree.	M. laevis styphelioides, Smith.	"	138	208	"	"	
76 B.	Do.	Do.	"	152	broke	"	"	
76 Ad.	Do.	Do.	"	140	"	"	"	
76 Ad.	Do.	Do.	"	122	250	broke	"	
77 A.	Broad-leaved Tea Tree.	Callistemon salignum	"	124	248	"	"	
77 B.	Do.	Do.	"	124	248	"	"	
79 A.	Common Tea Tree	Melaleuca uncinata, Sm.	"	084	122	197	broke	
79 B.	Do.	Do.	"	094	138	208	"	
79 Ad.	Do.	Do.	"	087	125	broke	"	
79 Ad.	Do.	Do.	"	089	127	150	broke	
80 A.	Bottle Brush Tree	Callistemon lanceolatum, Dec.	"	118	196	296	"	
80 B.	Do.	Do.	"	136	218	265	"	
80 Ad.	Do.	Do.	"	160	252	289	"	
80 Ad.	Do.	Do.	"	112	188	249	"	
81 A.	"	Croton phebalioides, R. B.	"	067	104	160	"	
81 B.	"	Do.	"	093	162	broke	"	
81 Ad.	"	Do.	"	057	084	125	broke	
81 Ad.	"	Do.	"	070	119	broke	"	
83 A.	"	Rottlera	"	098	broke	"	"	
83 B.	"	Do.	"	068	"	"	"	
83 Ad.	"	Do.	"	078	115	broke	"	
83 Ad.	"	Do.	"	090	broke	"	"	
84 A.	Satin Wood	Xanthoxylon australis	"	06	100	broke	"	
84 B.	Do.	Do.	"	068	114	206	broke	
84 Ad.	Do.	Do.	"	062	104	204	"	
84 Ad.	Do.	Do.	"	064	096	108	"	
86 A.	"	"	"	"	"	"	"	
86 B.	"	"	"	"	"	"	"	
87 A.	Leichhardt's Wood	Sarcoccephalus ovalifolius; Rubiaceae.	2 by 2	177	broke	"	"	
87 B.	Do.	Do.	"	broke	"	"	"	
88 A.	"	Bursaria ferruginea, H.	"	068	095	155	broke	
88 B.	"	Do.	"	068	098	146	"	
88 Ad.	"	Do.	"	067	088	172	"	
89 Ad.	"	Do.	"	068	097	150	234	
89 A.	"	Bursaria spinosa, Car.	"	066	128	broke	"	
89 B.	"	Do.	"	080	135	"	"	
90 A.	(Name in natural order.)	Pittosporaceae	"	068	100	145	broke	
90 B.	"	"	"	086	121	190	"	

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	6,048	*295	Started at a flaw in specimen; fibrous fracture in centre.
*1738 broke	..	..	..	..	..	7,112	*231	Cleavage, and fibres slightly parted.
*214 ..	..	..	..	..	..	7,112	*430	Cleavage, part through gum vein, and fibres slightly parted.
broke ..	..	..	..	..	..	6,720	*254	Cleavage at one end in shake, at the other end in gum vein, and fibres parted.
*161 broke	..	..	..	..	..	7,784	*294	Cleavage, and fibres slightly parted.
broke ..	..	..	..	..	..	5,492	*480	Good fibrous fracture.
.. ..	..	..	..	..	..	5,444	*420	Do. do.
.. ..	..	..	..	..	..	5,600	*310	Cleavage, and fibres parted slightly.]
.. ..	..	..	..	..	..	5,516	*450	Good fibrous fracture.
.. ..	..	..	..	..	..	3,360	*284	Rather short fracture.
.. ..	..	..	..	..	..	3,528	*350	Good fracture.
.. ..	..	..	..	..	..	2,968	*300	Short fracture, and cleavage in a shake.
.. ..	..	..	..	..	..	3,108	*240	Very short fracture, and cleavage in a shake.
.. ..	..	..	..	..	..	3,360	*385	Long fracture; started at a knot.
.. ..	..	..	..	..	..	3,584	*413	Fibrous fracture, and cleavage in a shake.
.. ..	..	..	..	..	..	5,432	*370	Cleavage, and fibres parted slightly.
.. ..	..	..	..	..	..	4,844	*318	Do. do.
.. ..	..	..	..	..	..	4,368	*236	Cleavage, and fibres parted slightly; started in shake.
.. ..	..	..	..	..	..	4,984	*382	Very slight cleavage.
.. ..	..	..	..	..	..	4,056	*735	Part short and part fibrous fracture.
.. ..	..	..	..	..	..	5,096	1'050	Good fracture; small fibres.
.. ..	..	..	..	..	..	5,432	*820	Good fibrous fracture.
.. ..	..	..	..	..	..	5,104	*890	Do. do.
.. ..	..	..	..	..	..	4,480	*200	Very short and sudden fracture; symptoms of dry rot.
.. ..	..	..	..	..	..	3,416	*160	Do. do.
.. ..	..	..	..	..	..	5,320	*184	Very short fracture; large symptoms of dry rot.
.. ..	..	..	..	..	..	3,920	*140	Very short fracture; dry rot.
.. ..	..	..	..	..	..	2,352	*160	Very short fracture; symptoms of dry rot.
.. ..	..	..	..	..	..	2,716	*140	Do. do.
.. ..	..	..	..	..	..	4,032	*150	Rather short fracture; slight symptoms of dry rot.
.. ..	..	..	..	..	..	3,360	*150	Short fracture; started at a shake.
.. ..	..	..	..	..	..	4,424	*210	Short fracture; slight symptoms of dry rot.
.. ..	..	..	..	..	..	4,760	*308	Very short fracture; symptoms of dry rot.
.. ..	..	..	..	..	..	4,704	*260	Very short and sudden fracture; symptoms of dry rot.
.. ..	..	..	..	..	..	4,872	*210	Do. do.
.. ..	..	..	..	..	..	..	..	No experiments.
.. ..	..	..	..	..	..	2,240	*210	Very short fracture, symptoms of dry rot.
.. ..	..	..	..	..	..	1,904	*237	Very short fracture.
.. ..	..	..	..	..	..	5,516	*300	Broke suddenly in two pieces: symptoms of dry rot in specimen.
.. ..	..	..	..	..	..	5,152	*205	Broke short half through at one bearing, then split to centre.
.. ..	..	..	..	..	..	5,096	*222	Very short fracture.
.. ..	..	..	..	..	..	5,202	*275	Broke short in two pieces.
.. ..	..	..	..	..	..	4,224	*450	Very short fracture, symptoms of dry rot.
.. ..	..	..	..	..	..	4,144	*275	Do. do.
.. ..	..	..	..	..	..	5,040	*400	Tolerably good fracture.
.. ..	..	..	..	..	..	5,376	*465	Tolerably good fracture and cleavage.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, l 16 in. long by	Drying			
				lbs. 3,240	lbs. 3,360	lbs. 4,480	lbs. 5,000
QUEENSLAND.			" "				
91 A.	Crab Tree	Petalostigma quadrolou- lure, F. M.	2 by 2	'080	'111	'145	'2018
91 B.	Do.	Do.	"	'084	'116	broken	
92 A.	(Name in natural order.)	Anacardiaceae	"	"	broken		
92 B.	"	"	"	'190	broken		
92 Aa.	(Name in natural order.)	Anacardiaceae	"	broken			
92 Ab.	"	"	"	"			
92 Ba.	"	"	"	"			
92 Bb.	"	"	"	"			
93 A.	(Name in natural order.)	Sterculiaceae	"	'075	'112	'209	broken
93 B.	"	"	"	'094	'208	broken	
93 Aa.	(Name in natural order.)	Sterculiaceae	"	'071	'118	'250	broken
93 Ab.	"	"	"	'098	'202	broken	
94 A.	Silver Tree	Argyrodendron trifol- latum, F. M.	"	'071	'110		
94 B.	Do.	Do.	"	'069	'104		
95 A.	"	"	"	"			
95 B.	"	"	"	"			
97 A.	"	Sersalisia sericea, R. B.	2 by 2	'086	'092	'140	'200
97 B.	"	Do.	"	'086	'092	'142	'201
99 A.	Beau Tree	Castanospermum aus- trale, R. B.	"	'150	'156		
99 B.	Do.	Do.	"	'170			
99 Aa.	Do.	Do.	"	'071	'115	broken	
99 Ab.	Do.	Do.	"	'070	'115		
100 Aa.	(Name in natural order.)	Ebenaceae	"	'128	broken		
100 Ab.	"	"	"	broken			
102 A.	(Name in natural order.)	Ebenaceae	"	"			
102 B.	"	"	"	'156	broken		
102 Aa.	(Name in natural order.)	Ebenaceae	"	'150			
102 Ab.	"	"	"	'182			
104 A.	Found in the Brick- low Scrubs.	"	"	"			
104 B.	Do.	"	"	'000	'002	'016	broken
104 Aa.	Do.	"	"	"			
104 Ab.	Do.	"	"	"			
105 A.	Do.	Barkleya syringifolia, F. M.	"	'120	broken		
105 B.	"	Do.	"	'113			
105 Aa.	"	Do.	"	'108			
105 Ab.	"	Do.	"	'115			
106 A.	"	Gerjera salicifolia, F. M.	"	'076	'111	'187	broken
106 B.	"	Do.	"	'078	'117	'174	
106 Aa.	"	Do.	"	'070	'098	'140	
106 Ab.	"	Do.	"	'067	'114	'188	
106 Ba.	"	Do.	"	'067	'116		
106 Bb.	"	Do.	"	'060	'091	'147	
106 Cb.	"	Do.	"	'068	'097	'144	
106 Ca.	"	Do.	"	'074	'104	'154	
108 A.	"	Canthium lamprophyll- um, F. M.	"	'056	'080	'141	'180
108 B.	"	Do.	"	'061	'084	'148	
108 Aa.	"	Do.	"	'060	'080	'140	
108 Ab.	"	Do.	"	'064	'080		
109 A.	Olive Tree	Olea paniculata, R. B.	"	'065	'080	'100	'177
109 B.	Do.	Do.	"	'062	'084	'114	'160
109 Aa.	Do.	Do.	"	'053	'084	'098	'148
109 Ab.	Do.	Do.	"	'059	'080	'108	'145

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Delec- tion at time of Frac- ture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
broke	..	..	..	..	..	5,600	'225	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	4,200	'276	Short fracture.
..	..	..	..	..	..	1,204	'275	Do.
..	..	..	..	..	..	2,576	'313	Fracture inclined to be short; not fibrous.
..	..	..	..	..	..	2,184	'448	Rather good tough fracture.
..	..	..	..	..	..	2,165	'234	Very short and sudden fracture.
..	..	..	..	..	..	1,468	'184	Fracture inclined to be short.
..	..	..	..	..	..	1,792	'185	Good fibrous fracture; slight symp- toms of dry rot.
..	..	..	..	..	..	4,816	'310	Rather short fracture.
..	..	..	..	..	..	3,528	'258	Good fracture; symptoms of dry rot.
..	..	..	..	..	..	1,536	'320	Do.
..	..	..	..	..	..	3,668	'410	Cleavage; slight symptoms of dry rot in specimen.
..	..	..	..	..	..	4,340	'180	Do.
..	..	..	..	..	..	4,424	'174	No experiments.
..	..	..	..	..	..	..	..	Small knot at point of fracture.
broke	..	..	..	..	..	6,552	'630	Good fracture.
'384 broke	..	..	..	..	..	6,800	'630	Specimen three quarters sap: symp- toms of dry rot; long splinters.
..	..	..	..	..	..	2,856	'270	Rather short fracture; dry rot.
..	..	..	..	..	..	2,240	'225	Rather short fracture.
..	..	..	..	..	..	3,836	'263	Short fracture.
..	..	..	..	..	..	4,032	'313	Very short fracture; specimen very shaky; symptoms of dry rot.
..	..	..	..	..	..	2,576	'170	Very short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,128	'112	Rather short fracture.
..	..	..	..	..	..	2,240	'180	Short fracture.
..	..	..	..	..	..	2,240	'280	Rather short fracture.
..	..	..	..	..	..	2,856	'330	Good fracture.
..	..	..	..	..	..	2,688	'584	Rather short for A. B.
..	..	..	..	..	..	..	..	Do.
..	..	..	..	..	..	5,432	'414	Do.
..	..	..	..	..	..	..	..	Do.
broke	..	..	..	..	..	5,600	'294	Do.
..	..	..	..	..	..	2,772	'510	Short fracture; defective specimen, and had symptoms of dry rot.
..	..	..	..	..	..	3,360	'208	Do.
..	..	..	..	..	..	3,248	'174	Short and sudden fracture; symptoms of dry rot.
..	..	..	..	..	..	2,968	'140	Very short and sudden fracture.
..	..	..	..	..	..	4,048	'234	Good but not fibrous fracture; dry rot.
..	..	..	..	..	..	4,872	'228	Rather short fracture.
..	..	..	..	..	..	4,480	'150	Short fracture slight symptoms of dry rot.
..	..	..	..	..	..	4,648	'220	Do.
..	..	..	..	..	..	5,152	'210	Cleavage; symptoms of dry rot.
..	..	..	..	..	..	5,488	'240	Good fracture; symptoms of dry rot.
..	..	..	..	..	..	5,600	'225	Good fracture.
..	..	..	..	..	..	5,432	'246	Good fracture, slight symptoms of dry rot.
'259 broke	..	..	..	..	..	6,720	'342	Good fibrous fracture.
..	..	..	..	..	..	6,880	'370	Do.
'274 broke	..	..	..	..	..	6,328	'240	Fracture inclined to be short.
..	..	..	..	..	..	6,608	'380	Cleavage.
..	..	..	..	..	..	7,280	'418	Good fracture.
'228 broke	..	..	..	..	..	6,944	'376	Do.
'274	..	..	..	..	..	7,504	'420	Good fibrous fracture.
'220	..	..	..	..	..	7,000	'390	Part fracture and part cleavage.
'240	..	..	..	..	..	..	..	

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
QUEENSLAND.							
110 A.	-	<i>Ixora Thozetiana</i> , F. M.	2 by 2	'075	'106	broke	..
110 B.	-	Do.	"	'142	broke	..	..
110 Aa.	-	Do.	"	'072	"	..	..
110 Ab.	-	Do.	"	'082	'122	broke	..
111 A.	-	<i>Notelaea longifolia</i> , R. B.	"	'062	'083	broke	..
111 B.	-	Do.	"	'056	'077	'113	broke
111 Aa.	-	Do.	"	'073	'106	'196	..
111 Ab.	-	Do.	"	'073	'107	'155	..
112 Aa.	(Name in natural order.)	Capparidaceæ	"	'080	broke	..	..
112 Ab.	-	-	"	'083	'146	broke	..
113 A.	Mangrove	<i>Rhizophora Mangle</i> , W.	"	'088	'126	'196	broke
113 B.	Do.	Do.	"	'106	'160	broke	..
113 Aa.	Do.	Do.	"	'091	'129	'190	broke
113 Ab.	Do.	Do.	"	'082	'119	'188	..
114 A.	-	<i>Celtis</i> sp.	"	'119	broke	..	..
114 B.	-	-	"	'118	..	..	..
115 A.	-	<i>Acacia</i> sp.	"	'065	'092	'129	'159
115 B.	-	-	"	'084	'085	'107	'145
116 A.	-	<i>Acacia</i> sp.	"	'101	'106	broke	..
116 B.	-	-	"	'104	'204	..	..
117 A.	Rosewood	<i>Acacia excelsa</i> , Benth.	"	'080	'080	'104	'138
117 B.	Do.	Do.	"	'058	'080	'104	'148
117 Aa.	Do.	<i>Acacia excelsa</i>	"	'078	'107	'128	'150
117 Ab.	Do.	Do.	"	'078	'110	'150	'208
118 A.	-	<i>Acacia sapindoides</i> , A. Cunn.	"	broke	..	..	..
118 B.	-	Do.	"	..	..	..	..
118 Aa.	-	Do.	"	'074	'111	'198	broke
118 Ab.	-	Do.	"	'096	'161	broke	..
120 A.	-	<i>Acacia</i> sp.	"	'046	'083	'079	'102
120 B.	-	-	"	'049	'065	'085	'109
121 A.	Weeping Myall	<i>Acacia pendula</i> , A. Cunn.	"	'072	'072	'094	'145
121 B.	Do.	Do.	"	'050	'072	'093	'122
121 Aa.	Do.	<i>Acacia pendula</i>	"	'050	'068	'087	'105
121 Ab.	Do.	Do.	"	'060	'066	'085	'109
122 A.	Brickellia	<i>Acacia Coxeni</i> , Leach.	"	'057	'075	'084	'113
122 B.	Do.	Do.	"	'074	'101	'107	'182
122 Aa.	Do.	Do.	"	'067	'066	'120	'157
122 Ab.	Do.	Do.	"	'061	'087	'116	'146
123 A.	-	<i>Acacia</i>	"	'071	'104	'144	'169
123 B.	-	-	"	'072	'103	'140	'170
RUSSIA.							
1 A.	Big Fir	-	2 1/2 by 2	broke	..	..	..
1 B.	Do.	-	"	'214	broke	..	..
1 C.	Do.	-	"	broke	..	..	..
1 D.	Do.	-	"	broke	..	..	..
2 A.	Larch	-	"	broke	..	..	..
3 A.	Do.	-	"	'234	broke	..	..
4 A.	Do.	-	"	'141	broke	..	..
4 B.	Do.	-	"	broke	..	..	..
5 A.	Do.	-	"	'207	broke	..	..
5 B.	Do.	-	"	broke	..	..	..
6 A.	Big Oak	-	"	'108	broke	..	..
6 B.	Do.	-	"	'122	'207	broke	..
6 C.	Do.	-	"	'160	broke	..	..
6 D.	Do.	-	"	'193	broke	..	..
			"	'158	broke	..	..

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	4,424	165	Rather short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,248	226	Very short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,192	105	Short fracture; considerable symptoms of dry rot.
..	..	..	..	..	..	3,752	150	Cleavage; considerable symptoms of dry rot.
..	..	..	..	..	..	4,480	117	Tolerable fracture; symptoms of dry rot.
..	..	..	..	..	..	5,104	166	Cleavage and very short fracture in centre; symptoms of dry rot.
..	..	..	..	..	..	4,648	255	Cleavage only; symptoms of dry rot.
..	..	..	..	..	..	5,376	268	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,352	088	Rather short fracture; symptoms of dry rot.
..	..	..	..	..	..	4,058	264	Short and sudden fracture; symptoms of dry rot.
..	..	..	..	..	..	4,028	390	Good fracture.
..	..	..	..	..	..	4,256	470	Do.
..	..	..	..	..	..	5,040	302	Fibres slightly parted, and cleavage in a shake.
..	..	..	..	..	..	5,040	306	Good fracture.
..	..	..	..	..	..	2,240	110	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,638	223	Do.
2308 broke	..	..	..	..	..	7,616	410	Cleavage, and fibres slightly parted.
213 ..	..	..	..	..	..	7,280	355	Cleavage, and part fibrous fracture.
..	..	..	..	..	..	3,976	355	Not a good fracture; rather short, diagonal grain.
198 broke	..	..	..	..	..	3,724	370	Good long fracture.
201 ..	..	..	..	..	..	7,616	390	Cleavage.
broke	..	..	..	..	..	7,336	300	Good fracture.
..	..	..	..	..	..	6,160	450	Good fibrous fracture.
..	..	..	..	..	..	5,712	370	Good fracture.
..	..	..	..	..	..	2,128	150	Very short fracture; slight symptoms of dry rot.
..	..	..	..	..	..	1,848	180	Do.
..	..	..	..	..	..	4,704	360	Good fracture.
..	..	..	..	..	..	4,480	356	Do.
128 164 200 broke	..	..	..	..	..	9,548	274	Cleavage at both ends; fibres slightly parted; specimen shaky.
138 177 broke	..	..	..	..	..	8,736	259	Cleavage.
220 broke	..	..	..	..	..	7,616	375	Cleavage, and fibres parted; sap on outside.
160 212 broke	..	..	..	..	..	8,518	420	Good fibrous fracture; sap on inside.
128 153 204 broke	..	..	..	..	..	9,184	272	Cleavage.
138 160 219 ..	..	..	..	..	..	9,604	316	Long fracture.
151 206 2913 ..	..	..	..	..	..	9,240	367	Cleavage, and fibres parted.
215 4158 broke	..	..	..	..	..	7,840	505	Shaky specimen.
213 broke	..	..	..	..	..	7,392	512	Cleavage and fibres parted.
200 3588 broke	..	..	..	..	..	7,840	425	Cleavage in shake; fibres parted.
broke	..	..	..	..	..	6,064	600	Good fibrous fracture.
..	..	..	..	..	..	5,628	540	Fibres parted, and cleavage.
..	..	..	..	..	..	2,128	794	Good fracture.
..	..	..	..	..	..	2,240	242	Fracture inclined to be short.
..	..	..	..	..	..	2,016	274	Rather short and sudden fracture.
..	..	..	..	..	..	2,128	760	Fracture in one long splinter.
..	..	..	..	..	..	2,520	426	Rather short and sudden fracture.
..	..	..	..	..	..	2,912	560	Good fibrous fracture.
..	..	..	..	..	..	7,792	392	Very short fracture.
..	..	..	..	..	..	2,492	415	Rather short fracture.
..	..	..	..	..	..	2,128	418	Short and rather sudden fracture.
..	..	..	..	..	..	2,800	520	Good fibrous fracture.
..	..	..	..	..	..	3,388	352	Short and sudden fracture.
..	..	..	..	..	..	2,632	325	Do.
..	..	..	..	..	..	2,576	282	Short and sudden fracture.
..	..	..	..	..	..	2,884	160	Do.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deduction				
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600	
TASMANIA.								
8 A.	Black Wood		2 by 2	062	086	145	broke	
8 B.	Do.		"	065	094	143	"	
8 C.	Do.		"	078	100	271	"	
8 D.	Do.		"	057	096	210	"	
8 Aa.	Do.		"	061	095	180	"	
8 Ab.	Do.		"	069	092	175	"	
8 Ba.	Do.		"	060	broke			
8 Bb.	Do.		"	065				
8 Bc.	Do.		"	060				
8 Ca.	Do.		"	078	116	186	broke	
8 Cb.	Do.		1½ by 2	080	124	244	"	
8 Cc.	Do.		2 by 2	076	116	270	"	
8 Cd.	Do.		"	084		261	"	
67 A.	Sassafras		2 by 1½	167	broke			
67 B.	Do.		"	143				
67 C.	Do.		1½ by 1½	336				
75 A.	Waddy Wood	Pittosporum	2 by 2	090	120	broke		
75 B.	Do.	Do.	"	075	145			
75 C.	Do.	Do.	"	100	broke			
75 Aa.	Do.	Do.	"	075	105	190	broke	
75 Ab.	Do.	Do.	"	080	102	217	"	
75 Ao.	Do.	Do.	"	076	102	117	"	
76 A.	Black Wattle		1½ by 1½	110	broke			
76 B.	Do.		2 by 2	080	135	broke		
76 C.	Do.		"	080	207			
76 D.	Do.		2 by 1½	080	broke			
85 A.	Peppermint		1½ by 2	116	broke			
85 B.	Do.		1½ by 1½	142	171	broke		
85 C.	Do.		2 by 1½	080	171	254	broke	
93 A.	Myrtle		1½ by 2	148	broke			
93 B.	Do.		1½ by 1½	092	broke			
93 C.	Do.		2 by 2	104	147			
93 D.	Do.		1½ by 2	090	217			
97 A.	White Gum		2 by 2	090	broke			
97 B.	Do.		"	097	210	broke		
97 C.	Do.		"	197	broke			
97 D.	Do.		1½ by 2	131				
102 A.	Silver Wattle		2 by 1½	177				
102 B.	Do.		"	097	134	232	broke	
102 C.	Do.		1½ by 1½	172	broke			
102 D.	Do.		1½ by 1½	159				
116 A.	Blue Gum		2 by 2	080	116	broke		
116 B.	Do.		"	070	120			
116 C.	Do.		"	095	140			
116 D.	Do.		"	090	100			
363 A.	Gum Topped		2 by 1½	112	broke			
363 B.	Stringy Bark or White Gum		"	067	084	124	broke	
363 C.	Do.		"	06	088	141	broke	
363 D.	Do.		"	082	108	204	broke	
364 A.	Peppermint		2 by 1½	142	broke			
364 B.	Do.		2 by 1½	142	broke			
367 A.	Iron Wood		2 by 2	080	116	150	broke	
367 B.	Do.		"	065	095	140	broke	
367 C.	Do.		"	070	100	140	broke	
367 D.	Do.		"	055	080	127	broke	
369 A.	Tea Tree		1½ by 1½	089	broke			
369 B.	Do.		2 by 1	075	111			
369 C.	Do.		1½ by 1	090	128			
369 D.	Do.		"	097				
371 A.	Stringy Bark		2 by 2	045	065	100	broke	
371 B.	Do.		"	055	080	120	broke	
371 C.	Do.		"	060	080	125	broke	
371 D.	Do.		"	065	097	140	broke	

TABLE II.—continued.

Area Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Frac- ture.	REMARKS.
lbs.	lbs.	lbs.	lbs.	lbs.	lbs.			
6,720	7,840	8,400	10,080	11,200	12,320			
..	..	..	..	..	..	5,348	*370	Good fracture.
..	..	..	..	..	..	5,264	*340	Do.
..	..	..	..	..	..	4,872	*500	Do.
..	..	..	..	..	..	1,841	*316	Good fracture; inclined to be short.
..	..	..	..	..	..	5,404	*405	Good fracture.
..	..	..	..	..	..	5,820	*276	Do.
..	..	..	..	..	..	3,220	..	Do.
..	..	..	..	..	..	3,804	..	Long, good fracture.
..	..	..	..	..	..	2,716	..	Tolerable fracture; inclined to be short.
..	..	..	..	..	..	5,096	*470	Good fracture.
..	..	..	..	..	..	4,872	*595	Do.
..	..	..	..	..	..	4,536	*585	Do.
..	..	..	..	..	..	5,096	*595	Do.
..	..	..	..	..	..	2,800	*318	Do.
..	..	..	..	..	..	3,061	*8	Fracture quite short and sudden; re- port.
..	..	..	..	..	..	2,127	*295	Long, sudden, diagonal fracture; not fibrous; with report.
..	..	..	..	..	..	3,780	..	Rather short fracture.
..	..	..	..	..	..	4,312	..	Good fracture.
..	..	..	..	..	..	3,136	..	Tolerably good fracture.
..	..	..	..	..	..	5,376	..	Good fibrous fracture.
..	..	..	..	..	..	5,376	..	Tolerably good fracture.
..	..	..	..	..	..	5,124	..	Tolerable fracture.
..	..	..	..	..	..	3,164	..	Cleavage.
..	..	..	..	..	..	3,976	..	Long, good fibrous fracture.
..	..	..	..	..	..	3,500	..	Do.
..	..	..	..	..	..	2,660	*200	Very good fibrous fracture.
..	..	..	..	..	..	3,948	*405	Good fracture; not dry.
..	..	..	..	..	..	4,032	*320	Good fracture.
..	..	..	..	..	..	1,592	*365	Good fracture, inclined to be short.
..	..	..	..	..	..	2,632	*190	Quite short fracture.
..	..	..	..	..	..	3,840	*535	Good fracture.
..	..	..	..	..	..	3,534	*730	Very good fracture.
..	..	..	..	..	..	3,892	*450	Rather short fracture.
..	..	..	..	..	..	3,024	*439	Good fracture.
..	..	..	..	..	..	3,528	*315	Long fracture.
..	..	..	..	..	..	2,464	*475	Good fracture, but not very fibrous.
..	..	..	..	..	..	3,136	*365	Good fracture, rather long, but not very fibrous.
..	..	..	..	..	..	2,688	*325	Rather short and sudden fracture; report.
..	..	..	..	..	..	4,704	..	Sudden and rather short fracture; with report.
..	..	..	..	..	..	2,436	*185	Do. do. do.
..	..	..	..	..	..	2,632	..	Do. do. do.
..	..	..	..	..	..	4,312	..	Tolerable fracture.
..	..	..	..	..	..	3,525	..	Tolerably good fracture.
..	..	..	..	..	..	4,144	..	Do. do.
..	..	..	..	..	..	4,308	..	Do. do.
..	..	..	..	..	..	4,480	*547	Fibres parted slightly; cleavage.
..	..	..	..	..	..	6,608	*650	Very good fracture; fibres parted in succession.
..	..	..	..	..	..	5,936	*4	Cleavage only.
..	..	..	..	..	..	5,376	*65	Very good fibrous fracture.
..	..	..	..	..	..	3,024	*23	Rather short and sudden fracture.
..	..	..	..	..	..	1,232	*21	Do. do. do.
..	..	..	..	..	..	5,824	..	Tolerable fracture.
..	..	..	..	..	..	6,048	..	Do.
..	..	..	..	..	..	5,964	..	Do.
..	..	..	..	..	..	6,104	..	Short fracture.
..	..	..	..	..	..	3,472	*582	Rather short fracture; fibres not broken all across.
..	..	..	..	..	..	4,088	*318	Good fracture.
..	..	..	..	..	..	3,584	*451	Short fracture.
..	..	..	..	..	..	2,610	*104	Fracture part good and part short.
..	..	..	..	..	..	6,020	..	Clean.
..	..	..	..	..	..	5,544	..	Very good fibrous fracture.
..	..	..	..	..	..	6,160	..	Do. do.
..	..	..	..	..	..	5,936	..	Do. do.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	D. Section					
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600		
TASMANIA.					" "				
372 A.	Blue Gum	"	2 by 2	'047	'082	'100	'130		
372 B.	Do.	"	"	'045	'075	'100	'140		
372 C.	Do.	"	"	'060	'065	'140	'240		
372 D.	Do.	"	"	'050	'075	'110	"		
373 A.	Stringy Bark	"	"	'050	'077	'140	by 10		
373 B.	Do.	"	"	'070	'100	'160	"		
373 C.	Do.	"	"	'070	"	broke	"		
373 D.	Do.	"	"	'060	'065	'140	'240		
373 ad.	Do.	"	"	'067	'100	'175	broke		
373 al.	Do.	"	"	'080	'110	'205	"		
373 ac.	Do.	"	"	'080	'140	broke	"		
373 ad.	Do.	"	"	'070	'110	"	"		
373 ca.	Do.	"	"	'058	'078	'102	'138		
373 cb.	Do.	"	"	'066	'103	'166	broke		
373 cc.	Do.	"	"	'074	'104	'141	'220		
371 A.	Blue Gum	"	1 1/2 by 1 1/2	'094	'171	broke	"		
371 B.	Do.	"	1 1/2 by 1 1/2	'102	'191	"	"		
374 C.	Do.	"	"	'106	'168	"	"		
374 D.	Do.	"	"	'100	'215	"	"		
556 A.	Do.	"	2 by 2	'05	'069	'091	'132		
556 B.	Do.	"	"	'04	'068	'088	'144		
556 C.	Do.	"	"	'056	'082	'118	'160		
558 A.	Do.	"	"	'070	'090	'130	'235		
558 B.	Do.	"	"	'050	'080	'117	'175		
558 C.	Do.	"	"	'058	'084	'115	'162		
577 A.	Do.	"	"	'090	broke	"	"		
577 B.	Do.	"	"	'080	'185	broke	"		
577 C.	Do.	"	"	'067	'140	"	"		
577 D.	Do.	"	"	'060	'097	'140	"		
TRINIDAD.									
155 A.	Tapana	"	2 by 2	'078	'120	'282	broke		
155 B.	Do.	"	"	'065	'106	broke	"		
155 C.	Do.	"	"	'074	'112	'147	broke		
155 D.	Do.	"	1 1/2 by 2	'063	'128	'201	"		
158 A.	Garlick Pear	Crataeva gynandra, L.	2 by 1 1/2	'165	"	"	"		
158 B.	Do.	Do.	1 1/2 by 2	'150	"	"	"		
158 C.	Do.	Do.	"	'150	"	"	"		
158 D.	Do.	Do.	3 by 2	'200	"	"	"		
162 A.	Mahoe	Sterculia Caribea	"	'095	"	"	"		
162 B.	Do.	Do.	"	"	broke	"	"		
163 A.	"	Thespesia populnea, Corr.	"	'114	'190	broke	"		
166 A.	Soapnut Tree	Sapindus saponaria, L.	"	'084	'147	"	"		
166 B.	Do.	Do.	"	'084	'140	"	"		
166 C.	Do.	Do.	"	'100	"	"	"		
167 A.	Cacapoule	"	1 by 1	'110	broke	"	"		
167 B.	Do.	"	2 by 2	'115	"	"	"		
167 C.	Do.	"	"	'135	"	"	"		
168 A.	Surette	Byrsonima spicata, Rich.	"	'090	'092	'140	broke		
168 B.	Do.	"	"	'078	'100	broke	"		
168 C.	Do.	"	"	'077	'77	"	"		
168 D.	Do.	"	"	'072	'111	'202	'308		
169 A.	Paraman	Moronobea cocchi, Aubl.	"	'098	'191	broke	"		
169 B.	Do.	Do.	"	"	'131	'254	"		
169 C.	Do.	Do.	"	"	'082	'130	"		
169 D.	Do.	Do.	"	"	'122	"	"		
171 A.	Galba	Calophyllum edna, Jacq.	1 1/2 by 1 1/2	'096	'192	broke	"		
171 B.	Do.	Do.	2 by 2	'078	'141	'171	broke		
171 C.	Do.	Do.	1 1/2 by 1 1/2	'117	'215	broke	"		

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,340	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
250 broke	..	..	..	..	..	7,280	..	Cleavage.
..	..	..	..	..	..	6,808	..	Good fracture.
..	..	..	..	..	..	5,824	..	Tolerably good fracture.
..	..	..	..	..	..	6,160	..	Part fracture and part cleavage.
..	..	..	..	..	..	5,376	..	Good fracture.
..	..	..	..	..	..	5,068	..	Do.
..	..	..	..	..	..	4,284	..	Do.
broke	..	..	..	..	..	5,824	..	Do.
..	..	..	..	..	..	5,152	..	Tolerable fracture.
..	..	..	..	..	..	4,620	..	Rather short fracture.
..	..	..	..	..	..	3,948	..	..
..	..	..	..	..	..	4,368	..	Cleavage.
198 broke	..	..	..	..	..	7,168	*264	Short fracture.
..	..	..	..	..	..	4,732	*212	Cleavage.
broke	..	..	..	..	..	5,600	*252	Sudden fracture.
..	..	..	..	..	..	4,172	*516	Tough fracture; not dry.
..	..	..	..	..	..	3,976	*501	Good fracture.
..	..	..	..	..	..	4,144	*520	Do.
188 broke	..	..	..	..	..	3,808	*503	Do.
..	..	..	..	..	..	7,504	*302	Tolerably good fracture; shakes in specimen.
217	..	..	..	..	..	7,280	*284	Shakes in specimen; cleavage only across shakes.
broke	..	..	..	..	..	6,412	*378	Shakes in specimen; fibres parted slightly, and cleavage in shake.
..	..	..	..	..	..	5,973	..	Good fracture.
..	..	..	..	..	..	6,440	..	Do.
246 broke	..	..	..	..	..	7,112	*368	Cleavage.
..	..	..	..	..	..	3,235	..	Tolerable fracture; shaky.
..	..	..	..	..	..	3,360	..	Do.
..	..	..	..	..	..	3,690	..	Do.
..	..	..	..	..	..	4,760	..	Do.
..	..	..	..	..	..	4,508	*425	Tolerably good fracture.
..	..	..	..	..	..	3,976	*405	Good fracture.
..	..	..	..	..	..	5,152	*198	Good fracture, but not very fibrous.
..	..	..	..	..	..	4,760	*234	Diagonal fracture, not fibrous.
..	..	..	..	..	..	2,744	*260	Short fracture.
..	..	..	..	..	..	2,613	*285	Tolerably good fracture started at a cut.
..	..	..	..	..	..	2,427	*330	Sudden, short fracture.
..	..	..	..	..	..	2,436	*376	Tolerably good fracture, not fibrous.
..	..	..	..	..	..	2,240	*125	Tolerably good fracture; full of small worm holes.
..	..	..	..	..	..	1,844	*122	Rather short fracture; brittle; worm hole.
..	..	..	..	..	..	3,976	*265	Knarled and knotty; fracture not fibrous, and went suddenly at the end.
..	..	..	..	..	..	3,584	*165	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	4,480	*304	Do.
..	..	..	..	..	..	3,360	*189	Do.
..	..	..	..	..	..	2,996	*260	Fracture quite short and sudden; symptoms of dry rot.
..	..	..	..	..	..	3,024	*260	Do.
..	..	..	..	..	..	3,276	*188	Fracture part shot and part splintered; symptoms of dry rot.
..	..	..	..	..	..	4,964	*198	Short fracture.
..	..	..	..	..	..	4,256	*292	Rather short fracture.
..	..	..	..	..	..	1,060	*291	Short and sudden fracture.
..	..	..	..	..	..	4,430	*250	Do.
..	..	..	..	..	..	3,692	*445	Good fracture.
..	..	..	..	..	..	3,116	*425	Long fracture.
..	..	..	..	..	..	4,228	*380	Diagonal cleavage.
..	..	..	..	..	..	2,464	*253	Good fracture, but not fibrous.
..	..	..	..	..	..	3,472	*390	Long fracture; slightly worm-eaten.
..	..	..	..	..	..	5,264	*344	Long, good fracture.
..	..	..	..	..	..	4,116	*700	Good fibrous fracture and cleavage.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
TRINIDAD.				..... broke			
171 D.	Galba	.....	.....	.....	.....	.....	.....
180 B.	Crabtree	Caprapa guianensis, Aubl.	2 by 2	1071	1109	1179	broke
180 C.	Do.	Do.	1 1/2 by 2	1073	1124	1228	.....
180 D.	Do.	Do.	2 by 2	1075	1115	1182	.....
185 A.	Noyer	Terebinthaceæ*	.....	1080	1103	1154	broke
185 B.	Do.	Do.	.....	1073	1100	1136	1186
185 C.	Do.	.....	.....	1073	1099	1132	1192
185 D.	Do.	.....	.....	1080	1110	1146	1196
186 A.	Mango	Mangifera indica, L.	.....	1192	.....	.....	.....
186 B.	Do.	Do.	.....	broke	.....	.....	.....
187 A.	Gommier	Terebinthaceæ*	.....	1084	1150	broke	.....
187 B.	Do.	Do.	.....	1105	1179	.....	.....
187 C.	Do.	.....	1 1/2 by 1 1/2	1101	1208	.....	.....
187 D.	Do.	.....	.....	1137	broke	.....	.....
196 A.	Beef Wood	Rhopalamontana, Aubl.	2 by 2	1074	1104	1154	broke
196 B.	Do.	.....	.....	1092	1096	1152	.....
198 A.	Laurel	.....	.....	1156	broke	.....	.....
198 B.	Do.	.....	.....	1090	1104	broke	.....
198 C.	Do.	.....	.....	1097	1224	.....	.....
198 D.	Do.	.....	1 1/2 by 1 1/2	1109	broke	.....	.....
200 A.	Laurier Canelle	.....	2 by 2	1076	1097	1159	broke
200 B.	Do.	.....	.....	1045	1084	1117	1187
200 C.	Do.	.....	.....	1072	1103	1166	broke
200 D.	Do.	.....	.....	1071	1099	1146	1192
201 A.	Laurier blanc	.....	.....	1184	broke	.....	.....
201 B.	Do.	.....	1 1/2 by 1 1/2	1126	.....	.....	.....
201 C.	Do.	Moronobea coccinea, Aubl.	2 by 2	1094	1169	broke	.....
201 D.	Do.	.....	.....	1095	1159	.....	.....
201 A.G.	Do.	.....	.....	1088	1180	.....	.....
201 A.B.	Do.	.....	.....	1085	1201	.....	.....
201 A.C.	Do.	.....	.....	1075	1121	1216	broke
201 A.D.	Do.	.....	1 1/2 by 2	1102	1198	broke	.....
205 A.	Canturo	Parinari campestre, Aubl.	2 by 2	1084	1190	.....	.....
205 B.	Do.	Do.	.....	1100	1153	.....	.....
205 C.	Do.	Do.	2 by 1 1/2	1084	1135	1228	broke
205 D.	Do.	Do.	2 by 2	1080	1228	1211	.....
206 A.	Bois de Fer	.....	.....	1114	1221	broke	.....
206 B.	Do.	.....	.....	1084	1128	1207	broke
206 C.	Do.	Moquiles species	1 1/2 by 1 1/2	1128	broke	.....	.....
206 D.	Do.	.....	.....	1168	1206	broke	.....
207 A.	Cauto	.....	2 by 2	1072	1102	1157	broke
207 B.	Do.	.....	.....	1073	1109	1180	.....
207 C.	Do.	.....	.....	1098	1176	broke	.....
207 D.	Do.	.....	.....	1107	broke	.....	.....
208 A.	Do.	.....	.....	1075	1112	broke	.....
208 B.	Do.	.....	.....	.....	1178	broke	.....
208 C.	Do.	.....	.....	.....	1178	.....	.....
208 D.	Do.	.....	.....	1096	1108	1162	broke
212 A.	Balsam Capivi	Copaifera officinalis, L.	.....	1141	1215	broke	.....
213 D.	Do.	Do.	.....	1141	1204	.....	.....
214 A.	Savoryette Jaune	Lonchocarpus latifolius, Kth.	1 by 1	1064	1085	1117	1190
214 B.	Do.	.....	.....	1070	1099	1140	.....
214 C.	Do.	.....	.....	1095	1080	1125	1180
214 D.	Do.	.....	.....	1058	1080	1107	1157
216 A.	Purple Heart	.....	.....	.....	.....	.....	.....
217 A.	Locust	Hymenaea Courbaril, L.	2 by 2	1030	1080	1113	1170
217 B.	Do.	Do.	.....	1062	1082	1105	1148

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Dedec- tion at time of Frac- ture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	3,360	*172	Good fracture; symptoms of dry rot, and worm-eaten.
..	..	..	..	..	..	5,124	*235	Slight fracture.
..	..	..	..	..	..	5,040	*437	Good fibrous fracture; shaky.
..	..	..	..	..	..	5,404	*385	Good fibrous fracture.
..	..	..	..	..	..	5,068	*546	Rather long fracture.
*343a	broke	..	..	..	..	7,000	*555	Long, good fracture.
*312	..	..	..	..	..	6,332	*490	Good fibrous fracture and cleavage.
broke	..	..	..	..	..	6,328	*306	Peculiar long diagonal fracture.
..	..	..	..	..	..	2,408	*322	Rather short fracture.
..	..	..	..	..	..	2,016	*201	Very diagonal grain; short fracture.
..	..	..	..	..	..	3,696	*244	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	4,032	*331	Rather short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,360	*280	Tolerably good fracture; symptoms of dry rot.
..	..	..	..	..	..	2,928	*258	Fracture inclined to be short; symp- toms of dry rot, and slightly worm- eaten.
..	..	..	..	..	..	5,264	*242	Good fracture.
..	..	..	..	..	..	5,520	*408	Do.
..	..	..	..	..	..	3,218	*405	Rather short fracture.
..	..	..	..	..	..	3,808	*308	Short fracture.
..	..	..	..	..	..	3,696	*512	Short and sudden fracture.
..	..	..	..	..	..	3,024	*380	Long diagonal fracture.
..	..	..	..	..	..	5,572	*580	Good fibrous fracture.
broke	..	..	..	..	..	6,272	*489	Good fracture and cleavage.
broke	..	..	..	..	..	5,488	*620	Good fibrous fracture.
..	..	..	..	..	..	5,852	*540	Good fibrous fracture and cleavage.
..	..	..	..	..	..	2,688	*346	Tolerably good fracture; shaky; symp- toms of dry rot.
..	..	..	..	..	..	3,024	*340	Rather short and sudden fracture; slight symptoms of dry rot.
..	..	..	..	..	..	4,488	*580	Good fracture.
..	..	..	..	..	..	4,340	*472	Do.
..	..	..	..	..	..	4,144	*818	Good fibrous fracture.
..	..	..	..	..	..	4,088	*564	Rather short fracture.
..	..	..	..	..	..	4,928	*449	Good fibrous fracture.
..	..	..	..	..	..	4,069	*607	Good fracture.
..	..	..	..	..	..	3,612	*165	Tolerably good fracture; inclined to be short.
..	..	..	..	..	..	3,659	*180	Tolerably good fracture.
..	..	..	..	..	..	4,480	*275	Good fracture.
..	..	..	..	..	..	4,629	*240	Not a good fracture; inclined to be short.
..	..	..	..	..	..	3,920	*352	Quite short, fracture broke suddenly.
..	..	..	..	..	..	4,328	*322	Long fracture.
..	..	..	..	..	..	2,996	*326	Rather good fracture.
..	..	..	..	..	..	3,948	*324	Cleavage.
..	..	..	..	..	..	5,040	*225	Tolerable fracture; inclined to be short.
..	..	..	..	..	..	4,592	*199	Short fracture.
..	..	..	..	..	..	3,556	*220	Cleavage, started at a worm-hole.
..	..	..	..	..	..	3,192	*230	Broke at worm-holes.
..	..	..	..	..	..	3,892	*150	Cleavage; shakes; slight symptoms of dry rot.
..	..	..	..	..	..	4,482	*260	Fracture short and sudden; symptoms of dry rot.
..	..	..	..	..	..	3,472	*184	Cleavage in a shake; symptoms of dry rot.
..	..	..	..	..	..	5,264	*290	Quite short all but one splinter; shaky.
..	..	..	..	..	..	4,144	*140	Good fracture, tough.
broke	..	..	..	..	..	3,584	*435	Tolerably good fracture.
..	..	..	..	..	..	6,496	*314	Cleavage.
*328a	broke	..	..	..	..	6,048	*316	Cleavage; fibres slightly parted.
*273	..	..	..	..	..	7,108	*1032	Good fibrous fracture, tough.
..	..	..	..	..	..	7,140	*355	Cleavage.
*263	..	..	..	..	..	..	-	No experiment.
*212	..	..	..	..	..	7,280	*281	Good fracture.
..	..	..	..	..	..	7,056	*240	Rather good fracture.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
TRINIDAD.			" "				
218 A.	Naraujillo Amarillo	Swartzia grandiflora, L.	2 by 2	'066	'084	'113	'168
218 B.	"	Do.	"	'058	'079	'105	'164
218 C.	"	Do.	"	'069	'090	'124	broke
218 D.	"	Do.	"	'068	'090	'124	'265
219 A.	Tamarind	Tamarindus indica, L.	"	'127	'178	broke	"
219 B.	Do.	Do.	"	'140	'224	"	"
219 C.	Do.	Do.	"	'105	'143	"	"
219 D.	Do.	Do.	"	'116	'176	"	"
219 D.	Casse-	Cassia Trinitatis, Rich.	"	'100	'140	'2178	broke
220 A.	Do.	Do.	"	'082	'113	'145	'198
220 B.	Do.	Do.	"	'082	'113	'145	'198
221 A.	Guatamare	Myrospermum frutescens, Jacq.	"	'055	'072	'090	'110
221 B.	Do.	Do.	"	'065	'085	'106	'127
222 A.	Bois Mulatre	Pentaclethrafilamentosa, Kth.	"	'068	'107	'206	broke
222 B.	Do.	Do.	1 1/2 by 1 1/2	'073	'122	'272	"
222 C.	Do.	Do.	2 by 2	'080	'139	broke	"
222 D.	Do.	Do.	"	'069	'103	'171	broke
226 A.	Angelin	Audira inermis, Kth.	"	'091	'122	'167	'246
226 B.	Do.	Do.	"	'089	'124	'176	broke
226 C.	Do.	Audira inermis, Kth.	"	'082	'092	'068	'094
226 D.	Do.	Do.	"	'092	'092	'096	'092
227 A.	Do.	Do.	"	'130	broke	"	"
227 B.	Do.	Do.	"	'137	"	"	"
237 A.	Sapodilla, Sapotillier	Sapta Achras, Mill.	"	'066	'095	'156	'197
237 B.	Do.	Do.	"	'097	'141	'2918	broke
243 A.	Acoma or Mastic	Sideroxylum mastichodendrum, Linn.	"	'064	'082	'107	'147
243 B.	Do.	Do.	"	'064	'088	'115	'150
248 A.	Cypre	Cordia Gerascanthus, Jacq.	"	'115	'260	broke	"
248 B.	Do.	Do.	"	'119	'264	"	"
248 C.	Do.	Do.	"	'115	broke	"	"
248 D.	Do.	Do.	"	'128	"	"	"
257 A.	Poui	Tecoma serratifolia, Don.	"	"	"	"	"
257 B.	Do.	Do.	"	'050	'066	'081	'090
257 C.	Do.	Do.	"	'064	'094	'087	'096
260 A.	Almond Tree	Terminalia catappa, L.	"	'141	'264	broke	"
260 B.	Do.	Do.	"	'166	broke	"	"
262 A.	Olivier	Chuncea obovata, Poir.	"	'072	'101	'143	broke
262 B.	Do.	Do.	"	'070	'100	'139	"
262 C.	Do.	Do.	"	'075	'111	'155	'251
262 D.	Do.	Do.	"	'066	'089	'134	broke
265 A.	Red Mangrove	Rhizophora Mangle, L.	1 1/2 by 1 1/2	'082	'091	'119	'150
265 B.	Do.	Do.	3 by 2	'057	'080	'110	'150
270 A.	Wild Guava	"	"	'060	'105	'225	broke
270 B.	Do.	"	"	'080	'128	'197	"
270 Ad.	Do.	"	"	'067	'097	'152	"
270 Ad.	Do.	"	"	'069	'104	'176	"
270 Ac.	Do.	"	"	'070	'127	'226	"
270 Ad.	Do.	"	"	'070	'100	'114	"
276 A.	Guatcare	Lecythis adalmon, Aubl.	"	'059	'081	'108	"
276 B.	Do.	Do.	"	'058	'078	'095	'125
280 A.	Genipa	"	"	'106	'158	'270	'508
280 B.	Do.	Genipa Carute, H.B.	"	'109	'167	'254	broke
280 C.	Do.	Do.	"	'119	'191	'348	"
280 D.	Do.	Do.	"	'094	'141	'276	"

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
broke	..	..	..	..	..	6,524	'314	Good fracture, broke suddenly.
"	..	..	..	..	..	5,600	'180	Short sudden fracture, worm-eaten; symptoms of dry rot.
broke	..	..	..	..	..	5,204	'184	Do. do.
..	..	..	..	..	..	5,908	'255	Do. do.
..	..	..	..	..	..	4,960	'284	Very short and sudden fracture.
..	..	..	..	..	..	4,340	'470	Short fracture; half a.
..	..	..	..	..	..	4,452	'213	Very short sudden fracture.
..	..	..	..	..	..	4,284	'272	Do. do.
broke	..	..	..	..	..	4,648	'412	Diagonal fracture.
'137	'175	'225	broke	..	..	6,070	'586	Good tough fibrous fracture.
..	..	..	..	..	..	10,980	'380	Good fracture.
'157	'200	'314	..	..	..	9,072	'432	Do.
..	..	..	..	..	..	5,012	'470	Good fibrous fracture; tough.
..	..	..	..	..	..	4,502	'411	Long, good fracture.
..	..	..	..	..	..	4,424	'256	Fibres slightly parted, and cleavage.
broke	..	..	..	..	..	5,096	'554	Good fibrous fracture.
..	..	..	..	..	..	5,936	'300	Short and sudden fracture at a knot.
'127	'176s	'266	broke	..	..	5,264	'232	Short and sudden fracture.
..	..	..	..	..	..	6,972	'310	Long, good fracture, and a little cleavage; not cut straight.
'128s	'193	broke	..	..	..	6,421	'420	Do. do.
..	..	..	..	..	..	3,136	'406	Good fracture. A little worm-eaten.
..	..	..	..	..	..	3,024	'410	Long fracture.
'396s	broke	..	..	..	..	7,028	'950	Excellent fracture. Specimen worm- eaten.
..	..	..	..	..	..	5,180	'310	Good fracture, but inclined to be short; worm-eaten.
broke	..	..	..	..	..	6,064	'324	Good fracture; quite wet.
..	..	..	..	..	..	6,036	'379	Do. do.
..	..	..	..	..	..	3,584	'385	Good fracture.
..	..	..	..	..	..	4,032	'408	Short and sudden fracture.
..	..	..	..	..	..	3,332	'251	Do. do.
..	..	..	..	..	..	3,192	'370	Do. do.
..	..	..	..	..	..	-	-	No experiment.
'119	'141	'165	broke	..	..	9,912	'221	Cleavage.
'113	'138	'167	'226	broke	..	10,108	'250	Do.
..	..	..	..	..	..	3,360	'284	Tolerably good fracture.
..	..	..	..	..	..	2,576	'420	Tolerably good fracture; inclined to be short.
..	..	..	..	..	..	5,204	'205	Rather short fracture.
broke	..	..	..	..	..	5,152	'195	Short and sudden fracture.
..	..	..	..	..	..	5,600	'260	Cleavage.
broke	..	..	..	..	..	5,600	'225	Short and sudden fracture.
..	..	..	..	..	..	6,076	'320	Fibres parted, and cleavage.
..	..	..	..	..	..	6,008	'301	Good fracture, and cleavage.
..	..	..	..	..	..	5,264	'622	Good fibrous fracture.
..	..	..	..	..	..	4,648	'265	Rather long fracture.
..	..	..	..	..	..	5,563	'315	Cleavage and slight fracture, inclined to be short; slight symptoms of dry rot; shaky.
..	..	..	..	..	..	4,704	'190	Fracture short and sudden; shaky; and symptoms of dry rot.
..	..	..	..	..	..	4,732	'280	Quite a short fracture and sudden.
..	..	..	..	..	..	4,965	'170	Short fracture.
..	..	..	..	..	..	5,544	'165	Cleavage; fibres slightly parted; worm- eaten a little.
'184	broke	..	..	..	..	7,840	'206	Good sudden fracture, part fibres and part cleavage; worm-eaten a little.
broke	..	..	..	..	..	5,992	'1240	Exceedingly tough. Fine fibrous fracture.
..	..	..	..	..	..	5,516	'900	Tough. Fibrous fracture.
..	..	..	..	..	..	5,132	'1115	Exceedingly tough. Good fibrous fracture, and cleavage.
..	..	..	..	..	..	5,264	'542	Cleavage through heart.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
VICTORIA.							
1 A.	Peppermint Tree		2 by 2	'076	'11	'143	broke
1 B.	Do.		"	'082	'116	'168	"
1 C.	Do.	Eucalyptus odorata, Schl.	"	'080	'126	broke	"
1 D.	Do.	Do.	"	'074	'104	'152	broke
2 A.	Grey Box Tree	Eucalyptus dealbata, Cunn.		'082	'124	'180	"
2 B.	Do.	Do.	2 by 1 1/2	'077	'118	'180	"
2 C.	Do.	Do.	2 1/2 by 2	'080	'148	'212	broke
2 D.	Do.	Do.	"	'082	'120	'198	"
2 Aa.	Do.	Do.	"	'111	'168	'248	"
2 Ab.	Do.	Do.	"	'094	'147	broke	"
2 Ac.	Do.	Do.	2 1/2 by 1 1/2	'114	'165	"	"
2 Ad.	Do.	Do.	"	'084	'141	'228	broke
3 A.	Coast Tea Tree	Melaleuca curvifolia, Schl.	1 1/2 by 1 1/2	'080	'124	'204	"
3 B.	Do.	Do.	"	'120	'170	broke	"
4 A.			"	"	"	"	"
5 Aa.	Mint Tree		"	"	"	"	"
5 Ab.	Do.		"	"	"	"	"
5 Ac.	Do.		"	"	"	"	"
6 A.		Eucalyptus	2 by 2	'096	'147	'201	broke
6 B.		Do.	"	'107	'162	broke	"
6 C.		Do.	"	'080	'140	'220	178
7 A.			"	'102	'215	'340	broke
7 B.			"	'118	'280	broke	"
7 C.			"	'140	'270	"	"
8 A.			"	'082	'114	'160	"
8 B.			2 1/2 by 1 1/2	'079	'118	'210	"
8 C.			2 1/2 by 2	'071	'102	'161	'200
8 D.			2 1/2 by 1 1/2	'086	'150	'280	broke
9 A.			2 1/2 by 2	'074	'104	'178	"
9 B.			2 1/2 by 1 1/2	'080	'140	'245	"
9 C.			2 1/2 by 2	'080	'240	broke	"
10 A.	Woolly Butt	Eucalyptus Woollii, P.M.		'110	'310	'502	broke
10 B.	Do.	Do.	"	'080	'120	'180	"
10 C.	Do.	Do.	"	'107	'150	"	"
10 D.	Do.	Do.	"	'080	'140	'200	"
10	Do.	Do.	"	'080	'107	'171	"
10	Do.	Do.	"	'084	'140	broke	"
10	Do.	Do.	"	'080	'107	"	"
11 A.	Broad-leaved Box Tree.	Eucalyptus nemeoides, Schl.	"	'084	'150	"	"
11 B.			"	"	"	"	"
11 C.			"	'110	broke	"	"
11 D.	Broad-leaved Box Tree.	Eucalyptus nemeoides, Sen.	"	'110	broke	"	"
12 A.	Honeysuckle	Banksia australis, Br.	"	"	broke	"	"
12 B.	Do.	Do.	"	"	"	"	"
12 C.	Do.	Do.	"	"	"	"	"
12 D.	Do.	Do.	"	"	"	"	"
13 Aa.	Coast Tea Tree		"	"	"	"	"
13 Ab.	Do.		"	"	"	"	"
14 A.			"	"	"	"	"
14 B.			"	'120	'190	broke	"
			"	'088	'154	"	"
14 A.	Gully Tree Fern	Eucalyptus acervula, Steber.	"	'080	'125	'162	broke
14 B.	Do.	Do.	"	"	"	"	"
14 C.	Do.	Do.	"	'080	'120	'204	"
14 D.	Do.	Do.	"	'080	'140	'190	"
14 Aa.	Do.	Do.	"	'080	'140	broke	"
14 Ab.	Do.	Do.	"	'107	'200	"	"
14 Ac.	Do.	Do.	"	'100	broke	"	"
14 Ad.	Do.	Do.	"	'100	"	"	"
15 A.	Musk Tree	Kurybia argophylla, Cunn.	"	'101	"	"	"
			"	'128	'302	broke	"

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	5,376	'250	Good fracture and cleavage; not very fibrous.
..	..	..	..	..	..	5,376	'680	Good fracture.
..	..	..	..	..	..	4,368	'260	Cleavage both ends in gum vein; fibres started.
..	..	..	..	..	..	5,320	'180	Started at a knot; long fracture in gum vein.
broke	..	..	..	..	..	5,320	'820	Good tough fibrous fracture.
..	..	..	..	..	..	5,712	'738	Do. do.
..	..	..	..	..	..	5,096	'594	Rather long good tough fracture.
..	..	..	..	..	..	5,488	'845	Do. do.
..	..	..	..	..	..	4,536	'430	Good fracture.
..	..	..	..	..	..	4,200	'387	Not a very good fracture.
..	..	..	..	..	..	4,368	'340	Good fracture.
..	..	..	..	..	..	4,872	'832	Do.
..	..	..	..	..	..	5,012	'496	Good long fracture, but not very fibrous, and cleavage.
..	..	..	..	..	..	4,144	'260	Long fracture; not fibrous.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	..	..	} No experiments.
..	..	..	..	..	..	..	..	
..	..	..	..	..	..	5,180	'442	Not a very good fracture; inclined to be short.
broke	..	..	..	..	..	4,144	'459	Good fracture; not very fibrous.
..	..	..	..	..	..	5,376	'870	Good tough fibrous fracture.
..	..	..	..	..	..	4,620	'541	Rather short fracture; did not seem to be affected by shakes.
..	..	..	..	..	..	4,083	'630	Quite short fracture.
broke	..	..	..	..	..	3,612	'830	Very short fracture.
..	..	..	..	..	..	5,628	'490	Good fracture.
broke	..	..	..	..	..	5,264	'663	Good fibrous fracture.
..	..	..	..	..	..	6,406	'490	Fracture inclined to be short; specimen defective in centre.
..	..	..	..	..	..	5,264	'360	Fracture rather short, but fibrous.
..	..	..	..	..	..	5,572	'636	Good fracture.
..	..	..	..	..	..	5,468	'826	Good tough fibrous fracture.
..	..	..	..	..	..	2,741	'920	Cleavage, and fibres slightly parted.
..	..	..	..	..	..	4,928	'415	Good fibrous fracture; heart shaken.
..	..	..	..	..	..	5,180	'368	Good fracture.
..	..	..	..	..	..	4,816	'836	Do.
..	..	..	..	..	..	4,676	'295	Do.
..	..	..	..	..	..	5,600	'260	Sudden long fracture.
..	..	..	..	..	..	3,416	'175	Short and sudden fracture.
..	..	..	..	..	..	3,640	'200	Cleavage.
..	..	..	..	..	..	4,144	'820	Sudden and short fracture; specimen had dry rot.
..	..	..	..	..	..	3,080	'190	Do. do.
..	..	..	..	..	..	2,072	'224	Do. do.
..	..	..	..	..	..	2,866	'170	Short fracture; specimen had dry rot.
..	..	..	..	..	..	1,120	'220	Short and sudden fracture.
..	..	..	..	..	..	340	'330	Very short fracture.
..	..	..	..	..	..	672	'360	Very short and sudden fracture.
..	..	..	..	..	..	672	'280	Very short fracture.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	..	..	Do.
..	..	..	..	..	..	4,268	'460	Good fibrous fracture.
..	..	..	..	..	..	4,368	'380	Good fracture; large shakes in this specimen, but did not seem to have had any bad effect.
..	..	..	..	..	..	5,694	'375	Long fracture.
..	..	..	..	..	..	5,012	'345	Good fracture.
..	..	..	..	..	..	5,516	'278	Long fracture.
..	..	..	..	..	..	3,920	'200	Long diagonal fracture.
..	..	..	..	..	..	3,528	'666	Good fibrous fracture.
..	..	..	..	..	..	2,912	'333	Long fracture; not fibrous.
..	..	..	..	..	..	2,744	'726	Long fracture.
..	..	..	..	..	..	2,940	'337	Cleavage.
..	..	..	..	..	..	3,528	'456	Good fibrous fracture.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
VICTORIA.							
15 B.	Musk Tree	Eurybia, argophylla, Cass.	" "	"	"	"	"
15 C.	Do.	Do.	2 by 2	"146	"204	broke	"
16 A.	Desert Cypress Pine	Callitris verrucosa, Br.	"	"182	broke	"	"
16 B.	Do.	Do.	"	"156s	"	"	"
16 C.	Do.	Do.	"	"162	"	"	"
16 D.	Do.	Do.	"	"195	"	"	"
22 A.	Iron Bark Tree	Eucalyptus sideroxylon, Cunn.	"	"138	"234	broke	"
22 B.	"	"	"	"073	"007	"128	"190
22 C.	"	"	2 by 1½	"082	"110	"145	"226s
22 D.	"	"	"	"	"	"	"
23 A.	"	"	2 by 2	"080	"109	"145	"193
23 B.	"	"	"	"071	"007	"130	"211
23 C.	"	"	"	"	"	"	"
23 D.	"	"	2 by 1½	"071	"006	"129	"182
23 A.	"	"	"	"068	"100	"138	"200
23 B.	"	"	"	"062	"094	"128	"168
23 C.	"	"	2 by 2	"073	"103	"136	"194
23 D.	"	"	"	"070	"006	"131	broke
23 A.	"	"	"	"	"	"	"
23 B.	"	"	2 by 1½	"067	"003	"130	"217
23 C.	"	"	"	"089	"123	broke	"
23 D.	"	"	"	"082	"115	"169	"267s
23 A.	"	"	2 by 2	"081	"115	"164	broke
23 B.	"	"	"	"103	"188s	broke	"
23 C.	"	"	"	"007	"138	"198	broke
23 D.	"	"	"	"082	"133	broke	"
23 A.	"	"	"	"073	"112	"170	broke
23 B.	"	"	"	"062	"122	"183	"
23 C.	"	"	"	"009	"146	broke	"
23 D.	"	"	"	"089	"128	"192	broke
31 A.	"	"	"	"085	"125	"179	"
31 B.	"	"	"	"147	broke	"	"
31 C.	"	"	"	"212s	"	"	"
33 A.	Grey Box Tree	Eucalyptus dealbata, Cunn.	"	broke	"	"	"
33 B.	Do.	Do.	"	"111	broke	"	"
33 C.	Do.	Do.	"	"107	"167	broke	"
33 D.	Do.	Do.	"	"110	broke	"	"
34 A.	"	"	2 by 1½	"158s	"	"	"
34 B.	"	"	2 by 2	"085	"120	"180	broke
34 C.	"	"	"	"003	"134	broke	"
34 D.	"	"	"	"000	"128	"182	broke
35 A.	Stringy Bark	Eucalyptus obliqua, L'Hérit.	1½ by 1½	"108	"358s	broke	"
35 B.	Do.	Do.	"	"	"	"	"
35 C.	Do.	Do.	2 by 2	"137	broke	"	"
35 D.	Do.	Do.	"	"137	"	"	"
36 A.	White Gum Tree	Eucalyptus	2 by 2	"088	"190	broke	"
36 B.	Do.	Do.	2 by 1½	"158	broke	"	"
36 C.	White Gum Tree	Eucalyptus	2 by 2	"177	"	"	"
36 D.	Do.	Do.	"	"	"	"	"
36 A.	Native Cherry Tree	Exocarpus cupressi-formis, Lab.	2 by 2	"154	"	"	"
36 B.	Do.	Do.	"	"228	"	"	"
36 C.	Spurious Mulberry	Lomatia Fraserii, Br.	2 by 1½	"119	"215	broke	"
36 D.	Do.	Do.	2 by 2	"092	"149	"308	broke
39 A.	Do.	Do.	"	"093	"141	"239	"
39 B.	Do.	Do.	2 by 2	"089	"149	"318	"
39 C.	Do.	Do.	"	broke	"	"	"
39 D.	Do.	Do.	"	"	"	"	"

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Frac- ture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	3,696	*430	Not very good fracture; started at a small knot.
..	..	..	..	..	..	3,136	*488	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,136	*249	Short and sudden fracture.
..	..	..	..	..	..	3,304	*330	Do.
..	..	..	..	..	..	3,136	*338	Specimen defective by knots and shakes.
..	..	..	..	..	..	3,528	*400	Quite short and sudden fracture; symptoms of dry rot.
broke	..	..	..	..	..	6,384	*400	Cleavage (in defect), and good fibrous fracture.
..	..	..	..	..	..	6,104	*380	Good fibrous fracture; specimen had a bad shake in it.
..	..	..	..	..	..	6,496	*400	Good fibrous fracture.
..	..	..	..	..	..	6,132	*360	Good fibrous fracture; specimen had a large worm knot across the centre.
*3078	broke	..	..	..	..	6,720	*408	Cleavage; fibres parted.
broke	..	..	..	..	..	5,964	*430	Long fracture.
*2728	broke	..	..	..	..	7,168	*450	Good fracture.
*3888	..	..	..	..	..	6,720	*512	Good fibrous fracture.
..	..	..	..	..	..	5,516	*215	Long diagonal fracture; not very fibrous.
broke	..	..	..	..	..	5,824	*415	Good fracture; specimen badly shaken.
..	..	..	..	..	..	4,480	*194	Short and sudden fracture.
broke	..	..	..	..	..	5,712	*352	Good fracture.
..	..	..	..	..	..	5,544	*295	Long but not fibrous fracture.
..	..	..	..	..	..	3,528	*171	Not a good fracture.
..	..	..	..	..	..	4,816	*290	Do.
..	..	..	..	..	..	4,256	*306	Short fracture at a knot.
..	..	..	..	..	..	5,404	*330	Fibrous fracture.
..	..	..	..	..	..	5,320	*252	Good fracture.
..	..	..	..	..	..	3,864	*212	Short fracture at a knot.
..	..	..	..	..	..	5,264	*320	Good fracture.
..	..	..	..	..	..	5,096	*324	Do.
..	..	..	..	..	..	3,136	*225	Quite short and sudden fracture.
..	..	..	..	..	..	2,800	*380	Quite short fracture. This specimen had several knots severed.
..	..	..	..	..	..	1,144	*220	Specimen very bad and full of knots.
..	..	..	..	..	..	2,688	*150	Sudden diagonal fracture; fibres in specimen diagonal.
..	..	..	..	..	..	3,836	*250	Rather short fracture.
..	..	..	..	..	..	2,919	*170	Sudden diagonal fracture; fibres in specimen diagonal.
..	..	..	..	..	..	2,912	*340	Short fracture.
..	..	..	..	..	..	5,292	*394	Short, but not a sudden fracture; rather fibrous.
..	..	..	..	..	..	4,116	*186	Short fracture.
..	..	..	..	..	..	5,208	*340	Good fracture.
..	..	..	..	..	..	4,928	*228	Short fracture; started at a small knot.
..	..	..	..	..	..	3,360	*440	Good fibrous fracture.
..	..	..	..	..	..	2,912	*493	Good fracture.
..	..	..	..	..	..	3,248	*190	Do.
..	..	..	..	..	..	3,864	*403	Good fibrous fracture.
..	..	..	..	..	..	2,604	*310	Short fracture; specimen worm-eaten.
..	..	..	..	..	..	2,576	*272	Short fracture; specimen worm-eaten; frost.
..	..	..	..	..	..	2,800	*335	Good fracture; started at shake in specimen.
..	..	..	..	..	..	2,492	*340	Good fracture; specimen worm-eaten.
..	..	..	..	..	..	4,060	*625	Not a very good fracture.
..	..	..	..	..	..	4,760	*440	Short and sudden fracture.
..	..	..	..	..	..	5,460	*600	Good fibrous fracture.
..	..	..	..	..	..	4,620	*450	Good fracture.
..	..	..	..	..	..	2,184	*390	Short fracture.
..	..	..	..	..	..	2,240	*335	Do.

TABLE II.—continued.

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
VICTORIA.							
39 C.	Spurious Mulberry Tree.	Lomatia Frazerii, Br.	" "	" "	" "	" "	" "
39 D.	Do.	Do.	2 by 2	243	broke	..	..
39 Aa.	Do.	Do.	"	282	"	..	..
39 Ab.	Do.	Do.	"	broke	"	..	..
39 Ac.	Do.	Do.	"	"	"	..	..
39 Ad.	Do.	Do.	"	303	broke	..	..
40 A.	Coast Honeysuckle	Banksia integrifolia, L.	"	227	"	..	..
40 B.	"	"	"	270	"	..	..
40 C.	"	"	"	268	"	..	..
40 D.	Coast Honeysuckle	Banksia australis, Br.	"	223	"	..	..
42 A.	"	"	2 by 1½	broke	"	..	..
42 B.	"	"	2 by 2	681	126	222	broke
42 C.	"	"	1½ by 1½	105	170	198	broke
42 D.	"	"	2 by 2	679	118	198	broke
42 Ad.	"	"	1½ by 1½	118	181	broke	..
42 Ab.	"	"	2 by 2	686	126	219	broke
42 Ac.	"	"	"	678	126	225	"
42 Ad.	"	"	"	696	150	282	"
43 A.	"	"	"	688	149	broke	..
43 B.	"	"	1½ by 2	110	171	"	..
43 C.	"	"	2 by 2	684	131	"	..
43 D.	"	"	"	133	204	"	..
44 A.	Honeysuckle	Banksia australis, Br.	1½ by 2	673	128	246	broke
44 B.	Do.	Do.	2 by 2	broke	..	..	..
44 C.	Do.	Do.	"	"	..	..	..
44 D.	Do.	Do.	"	"	..	..	..
45 A.	Wattle	Acacia mollissima, W.	2 by 1½	110	287	350s	broke
45 B.	Do.	Do.	2 by 2	698	170	broke	..
45 C.	Do.	Do.	"	686	164	"	..
45 D.	"	"	"	607	153	260	broke

TABLE II.—continued.

at a Weight of						Break- ing Weight in lbs.	Deflec- tion at time of Frac- ture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	2,164	280	Rather long diagonal fracture; started at a knot.
..	..	..	..	..	..	2,408	350	Rather good fracture.
..	..	..	..	..	..	1,232	208	Short fracture.
..	..	..	..	..	..	2,100	275	Rather good fracture.
..	..	..	..	..	..	2,324	338	Rather short cross fracture.
..	..	..	..	..	..	2,324	316	Good fracture.
..	..	..	..	..	..	2,688	380	Short fracture.
..	..	..	..	..	..	2,464	680	Tough fibrous fracture.
..	..	..	..	..	..	2,464	402	Cleavage; fibres parted.
..	..	..	..	..	..	2,184	271	Inclined to be short fracture.
..	..	..	..	..	..	3,780	603	Short fibrous fracture.
..	..	..	..	..	..	4,424	628	Good fracture.
..	..	..	..	..	..	5,188	630	Good short fibrous fracture.
..	..	..	..	..	..	3,696	240	Quite short and sudden fracture.
..	..	..	..	..	..	5,180	982	Very good tough fibrous fracture.
..	..	..	..	..	..	5,040	825	Do. do.
..	..	..	..	..	..	4,732	670	Not a very good fracture; rather short.
..	..	..	..	..	..	4,396	570	Good and rather long fracture.
..	..	..	..	..	..	4,124	424	Not a very good fracture.
..	..	..	..	..	..	4,308	254	Rather short and sudden fracture.
..	..	..	..	..	..	4,144	344	Good fracture.
..	..	..	..	..	..	5,096	965	Good fibrous fracture.
..	..	..	..	..	..	756	380	Very short fracture.
..	..	..	..	..	..	540	..	Short fracture.
..	..	..	..	..	..	840	276	Very short fracture.
..	..	..	..	..	..	1,240	365	Short fracture.
..	..	..	..	..	..	3,612	982	Good tough fracture.
..	..	..	..	..	..	3,696	230	Quite short fracture.
..	..	..	..	..	..	4,228	140	Not a very good fracture.
..	..	..	..	..	..	4,760	540	Good fibrous fracture.

TABLE III.

*In the following Table the Woods are arranged in the Order of their Breaking Weights.*

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
1 A. B. C. D.	White or pale Iron Bark	New South Wales (South)	lbs.
257 B. C.	Pui	Trinidad	11158.0
4 A. B.	Canasin	British Honduras	10388.0
221 A. B.	Guatunare	Do.	9828.0
8 A. B.	Iron Bark (Hunter River)	Do.	9576.0
4,754 A. B.	Iron Wood	New South Wales	9391.0
120 A. B.	Acacia sp.	East India	9254.0
2,468 A.	Pannaga	Queensland	9142.0
2,471 A.	Kass.	East India	8990.0
297 A. B. C. D.	Red Heart	Do.	8848.0
121 A. B. Aa. Ab.	Weeping Myall	Jamaica	8825.0
13 A. B. C. D.	Bastard Box	Queensland	8813.0
11 A. B. C. D.	Bastard Box of Illawarra	New South Wales (South)	8757.0
5 A. B. C. D.	Iron Bark	Do.	8582.0
355 A. B.	Black Rose-wood	Do.	8442.0
2 A. B. C.	White Iron Bark	Jamaica	8442.0
18 A. B.	Boxwood	New South Wales (South)	8416.0
10,358 A. B.	Gangan	Liberia	8260.0
223 A. B. C. D.	Brazilletto	East India	8232.0
16 A. B. C. D.	Burnish Bully or Bullet Tree	Jamaica	8176.0
122 A. B. Aa. Ab.	Brieklow	British Guiana	7963.0
5 A. B.	Iron Bark (Hunter River)	Queensland	8078.0
20 A. B. C. D.	Canamari or Tonka	New South Wales	8064.0
5 A. B. C.	Iron Bark	British Guiana	8116.0
77 A. B.	Iron Bark of the Clarence	New South Wales (South)	8103.0
350 A. B.	Green Heart	New South Wales (North)	8036.0
2 A. B.	Cranadillo	Jamaica	8008.0
216 A. B. C. D.	Doe Wood	British Honduras	7994.0
8 A. B. C. D.	Narrow-leaved Iron Bark	Jamaica	7849.0
358 A. B. C.	White Rose Wood	New South Wales (South)	7826.0
10,373 A.	Guoo-Siwagay	Jamaica	7812.0
5,600 A.	Sissou (Black)	East India	7656.0
17 A. B. C. D.	Dhuckai Courroo	Do.	7728.0
2,462 A. B.	Elow	New South Wales (South)	7728.0
7,093 A.	Gadung-gadung	East India	7709.0
345 A. B.	Wild Orange	Do.	7700.0
4 A. B. C. D.	Broad-leaved Rough Iron Bark	Jamaica	7672.0
330 A. B. C. D.	Naseberry Bullet Tree	New South Wales (South)	7651.0
2,345 A.	Tonasserim Mahogany	Jamaica	7259.0
2 A.	Iron or Beef Wood	East India	7616.0
67 A. B. Aa. Ab.	Scatted Gum	Ceylon	7616.0
84 A. B.	Black Wattle of Illawarra	Queensland	7616.0
64 A. B. Aa. Ab.	Grey Iron Bark	New South Wales (South)	7532.0
60 A. B.	Hickory Lignum Vitæ	Queensland	7499.0
115 A. B.	Acacia	New South Wales (North)	7473.0
10,370 A. B.	Padouk	Queensland	7451.0
11 A. B. C.	Black Gum	East India	7448.0
89 A. B.	Found in Brush Forests on the Clarence.	Liberia	7429.0
65 A. B. Aa. Ab.	Red Iron Bark	New South Wales (North)	7423.0
63 A. B. Aa. Ab.	Black Iron Bark	Queensland	7406.0
21 A. B. C. D.	Blue Gum	Do.	7345.0
26 A. B. C. D. Ab.	Green Heart	New South Wales (South)	7344.0
Ac. A.	Gum Topped Stringy Bark, or White Gum.	British Guiana	7335.0
565 A. B. C. D.	Caoutchouc	Tasmania	7342.0
21 A. B. C. D.	Iron Wood	British Honduras	7224.0
106 A. B.	Woody Butt	New South Wales (North)	7224.0
72 A. B. Aa. Ab.	Grey Gum	Queensland	7182.0
103 A. B.	Olive Tree	New South Wales (North)	7182.0
109 A. B. Aa. Ab.	White Lance Wood	Queensland	7182.0
160 A. B.	Locust	Jamaica	7182.0
277 A. B.		Trinidad	6748.0
			7168.0

TABLE III.—continued.

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
			lbs.
84 A. B.	Marble Wood	New South Wales (North)	7154.0
558 C. for A. B. C.	Blue Gum	Tasmania	7112.0
27 A. B. C. D.	Black Butt Gum	New South Wales (South)	7103.0
228 A. B.	Yellow Candle Wood	Jamaica	7098.0
556 A. B. C. D.	Blue Gum	Tasmania	7065.0
10,440 A.	Banan	East India	7056.0
140 A. B.	Sandal Wood	Do.	7028.0
40 A. B. C.	Uroobie	New South Wales (North)	7028.0
201 A. B. C.	Red Candle Wood	Jamaica	6991.0
28 A. B. C. D.	Native Plum	New South Wales (North)	6972.0
63 A. B.	Wyagerie	Do. do. do.	6972.0
341 A.	Iron Wood	Jamaica	6720.0
10,367 A. B.	Boomayza	East India	6930.0
214 A. B. C. D.	Savonette Jaune	Trinidad	6713.0
74 A. B.	White Myrtle	New South Wales (North)	6860.0
47 A.	Stringy Bark	Do. do. (South)	6860.0
9 A.	Blue Gum (Hunter River)	Do. do.	6900.0
7 A. B. C. D.	Narrow-leaved Smooth or Red Iron Bark.	Do. do. (South)	6804.0
10,376 A.	Yin-dike	East India	6776.0
117 A. B. AG. AB.	Rosewood	Queensland	6706.0
5,598 A.	Sal	East India	6720.0
97 A. B.	Sersalista Sericea	Queensland	6706.0
276 A. D.	Guatcare	Trinidad	6692.0
10,477 A. B. C.	Kay Yoob	East India	6683.0
10,357 A.	Theya	Do.	6684.0
243 A. B.	Acoma or Mastic	Trinidad	6660.0
265 A. B.	Red Mangrove	Do.	6642.0
108 A. B. AG. AB.	Canthium Lamprophyllum	Queensland	6629.0
15 A. B.	Water Gum	New South Wales (South)	6622.0
147 A.	Ternwah?	East India	6608.0
18 A.	Kaskat	British Honduras	6608.0
61 A. B. AG. AB.	Myrtac	Queensland	6566.0
24 A. B. AG. AB.	Broad-leaved Cherry	Do.	6517.0
57 A. B.	Iron Wood	Do.	6496.0
10,352 A. B.	Eng	East India	6468.0
22 A. B. C. D.	Iron Bark Tree	Victoria	6279.0
24 A. B.	Woolly Butt of Illawarra	New South Wales (South)	6468.0
10,388 A. B.	Pangah	East India	6468.0
1,698 A.	Dhowrah	Do.	6440.0
7,967 A.	Bia-babi	Do.	5852.0
10 A. B. C.	Cedar	Liberia	6437.0
13 A. B.	Bullet Wood	British Honduras	6412.0
17 A.	Sapodilla	Do.	6384.0
10,348 A. B.	Petwoon	East India	6334.0
46 A. B. C. D.	Stringy Bark of Coast	New South Wales (South)	6384.0
319 AG. AB. DG. BB.			
10. BB. CG. CB.			
EG. EB.			
88 A. B.	Cocoa Nut	Jamaica	6382.0
	Found in Brush Forests on the Clarence.	New South Wales (North)	6370.0
58 A. B. AG.	Myrtle	Queensland	6365.0
10,900 A. B.	Hionkyan	East India	6356.0
88 A. B. C. D.	Grey Gum from Brisbane Water.	New South Wales (South)	6356.0
185 A. B. C. D.	Noyer	Trinidad	6307.0
36 A. B. C. D.	Larrabee	New South Wales (North)	6297.0
25 A. B.	Rough-barked Gum	Do. do. (South)	6230.0
5,906 A.	Sissoo (Red)	East India	6216.0
48 A. B. C. D.	Stringy Bark, Camden	New South Wales (South)	6209.0
70 A. B.	Myrtle	Do. do. do.	6191.0
12 A. B. AG. AB.	Plindosa	Queensland	6139.0
10,678 A. B. C.	Nat Gyeo	East India	6179.0
10,485 A. B. C.	Padouk	Do.	6197.0
61 A. B.	Broad-leaved Tree	New South Wales (South)	6159.0
226 A. B. C. D.	Angelin	Trinidad	6148.0
123 A. B.	Acacia	Queensland	6146.0
47 A. B. C. AG. AB.	Cyminosma Oblongifolia	Do.	6146.0
44 A. B.	Mahogany	New South Wales (South)	6118.0
328 A. B.	Black Bullet Tree	Jamaica	6118.0
237 A. B.	Sapodilla, Sapotillier	Trinidad	6104.0

TABLE III.—continued.

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight re. Board to 12 in. by 2 in. sq.
28 A. B. C. A. B. C. D.			lbs.
10 A. B. C. D.	Box of Illawarra	Victoria	6253'0
5,602 A.	Abloos or Kandoo	New South Wales (South)	6004'0
23 A. B.	Grey Gum	East India	6048'0
7,046 A.	Dammer-laut	New South Wales (South)	6048'0
105 A. B.	River or White Oak	East India	6029'0
31 A. B.	Turpentine	New South Wales (South)	6003'0
40 A. B. C. D.	Messmate	Do.	6003'0
4,071 A.	Bambul	Do.	5999'0
37 A. B.	Eucalyptus, sp.	East India	5982'0
68 A. B. A. A. A. A. B.	Turpentine Tree	New South Wales (South)	5992'0
14 A. B. A. A. A. A. B.	Tulip Wood	Queensland	5964'0
363 A.	Beech Wood	Do.	5945'0
67 A. B.	Nono Gymandii	Jamaica	5933'0
10,397 A.	Thabyehgah	New South Wales (North)	5908'0
375 C. A. C. B. C. C.	For 11 specimens Stringy Bark.	East India	5889'0
21 A. B.	Wootarie	Tasmania	5853'0
218 A. B. C. D.	Naranjillo Amarillo	New South Wales (North)	5821'0
80 A. B.		Trinidad	5821'0
5,010 A.	Koozoon	East India	5821'0
9 A. B.	Swamp Oak	Do.	5821'0
200 A. B. C. D.	Laurier Canelle	Queensland	5796'0
10,489 A. B.	Kya Ya	Trinidad	5796'0
5 A. B. C. D.	Brush Bastard or White Box.	East India	5782'0
10,410 A. B.	Hteingalah	New South Wales (North)	5774'0
8 A. B. C. D.		East India	5768'0
10,482 A. B.	Pune Thah	Victoria	5748'0
15 A.	Mabinjuh or Mabinjuh	East India	5728'0
10,406 A. B.	Bijnah	British Honduras	5712'0
5,601 A.	Burdur	East India	5712'0
43 A. B.	Bat and Ball, Native Orange? Native Pomegranate.	Do.	5712'0
19 A. B. A. A. A. B.	Lightwood	New South Wales (North)	5711'0
73 A. B. C. D.	Blue Gum	Queensland	5705'0
57 A. B. C. D.	Hickory	Do.	5687'0
71 A. B. A. A.	Swamp Mahogany	New South Wales (South)	5657'0
267 A. B. C. D.	White Bully Tree	Queensland	5653'0
14 A. B.	Tastab	Jamaica	5588'0
54 A. B.	Schmidella Pyriformis	British Honduras	5460'0
348 A. B. C.	Spanish Elm	New South Wales (North)	5432'0
111 A. B. C. D.	Water Gum	Jamaica	5419'0
4,662 A.	Dheneun	New South Wales (North)	5405'0
185 A.	Black Wood	East India	5399'0
5,607 A.	Peasal	Do.	5390'0
7,629 A. B.	Boom Mai Za	Do.	5390'0
23 A. B. A. A. A. B.	Mountain Ash	Do.	5390'0
66 A. B. A. A. A. B.	Stringy Bark	Queensland	5393'0
29 A. B. A. A. A. B.	Lignum Vitæ	Do.	5372'0
280 A. B. C. D.	Genipa	Do.	5365'0
10,491 A. B.	Zeangyeevat-doup	Trinidad	5351'0
33 A. B.	Carpa Ovata	East India	5344'0
3,953 A.	Rohnee	New South Wales (North)	5340'0
66 A. B.	Bastard Myall	East India	5312'0
15 A. B. C.	Box	New South Wales (North)	5292'0
10,417 A.	Paet-than	Do. do. (South)	5291'0
218 A. B.	Dor Wood	East India	5188'0
42 A. B. C.	Swamp Mahogany	Jamaica	5174'0
351 A. B.	Sweet Wood	New South Wales (South)	5151'0
5,609 A.	Kechar	Jamaica	5146'0
49 A. B. C. D.	Stringy Bark, Berrima	East India	5132'0
88 A. B. A. A. A. B.	Bursaria Ferruginæ	New South Wales (South)	5128'0
262 A. B. C. D.	Olivier	Queensland	5118'0
1,220 A. B.	Ungun	Trinidad	5104'0
4,664 A.	Beejah	East India	5090'0
7,089 A.	Bintaling	Do.	5076'0
10,226 A.	Sissco	Do.	5076'0
137 A. B.	Wallandun Deyern	Do.	5076'0
220 A. B.	Casse	New South Wales (South)	5067'0
		Trinidad	5062'0

TABLE III.—continued.

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
			lbs.
11 A.	Chucya - - -	British Honduras -	5348'0
16 A. B.	Subin or Cubin - - -	Do. - - -	5334'0
10,420 A. B.	Thau-day - - -	East India - - -	5320'0
104 A. B. <i>Ad. Ab.</i>	Found in the Bricklow Scrubs.	Queensland - - -	5306'0
180 B. C. D.	Crabtree - - -	Trinidad - - -	5189'0
196 A. B.	Beef Wood - - -	Do. - - -	5292'0
61 A. B. C. D.	Wyagerie Flindosa - - -	New South Wales (North) -	5292'0
3,952 A.	Iymungul - - -	East India - - -	5264'0
372 A. B.	Beef Apple - - -	Jamaica - - -	5250'0
10,356 A. B.	Engyin - - -	East India - - -	5222'0
30 A. B. <i>Ad. Ab.</i>	Bottle Brush Tree - - -	Queensland - - -	5222'0
24 A. B. C. D.	Wyagerie or Cugeri Ash, Beech and Flindosa.	New South Wales (North) -	5215'0
90 A. B.	Pittisporace - - -	Queensland - - -	5218'0
14 A. B.	Found near Lismore, near Richmond River.	New South Wales (North) -	5208'0
25 A.	Roule Blanco - - -	British Honduras - -	5780'0
10,434 A.	Theetmin - - -	East India - - -	5152'0
1 A. B. C. D.	Peppermint Tree - - -	Victoria - - -	5110'0
8 A. B. C. D. <i>Ad. Ab. Ca. Cb. Cc. Cd. for 13 specimens.</i>	Black Wood - - -	Tasmania - - -	5065'0
2,474 A.	Bromboug - - -	East India - - -	5096'0
1 A.	Satin Wood - - -	Ceylon - - -	5096'0
30 A. B. C.	? - - -	East India - - -	5087'0
7,092 A.	Madang Serai - - -	Do. - - -	5063'0
270 A. B. <i>Ad. Ab. Ac. Ad.</i>	Wild Guana - - -	Trinidad - - -	4979'0
6 A. B. <i>Ad. Ab.</i>	Forest Oak - - -	Queensland - - -	5047'0
10,382 A.	Pouk-theuma-Myek-Kyook.	East India - - -	5040'0
106 A. B. <i>Ad. Ab. Ba. Bb. Ca. Cb.</i>	Geisera Salicifolia - -	Queensland - - -	5040'0
3 A. B.	Coast Tea Tree - - -	Victoria - - -	4578'0
32 A. B. <i>Ad. Ab.</i>	Plum Tree - - -	Queensland - - -	5035'0
2 A. B. C. D. <i>Ad. Ab. Ac. Ad.</i>	Grey Box Tree - - -	Victoria - - -	4949'0
7,071 A.	Marbow - - -	East India - - -	5012'0
10,349 A. B.	Dwa Nee - - -	Do. - - -	5013'0
64 A. B.	Tea Tree - - -	New South Wales (North) -	4935'0
165 A. B.	Found at Illawara and Brisbane Water.	New South Wales (South) -	4984'4
4,660 A.	Surrye - - -	East India - - -	4984'0
111 A. B. <i>Ad. Ab.</i>	Notelea Longifolia - -	Queensland - - -	4977'0
102 A. B. C. D.	Flooded Gum - - -	New South Wales (North) -	4965'0
10,309 A. B.	Laiyah - - -	East India - - -	4946'0
15 B. C. D.	Mora - - -	British Guiana - - -	4788'0
114 A. B.	Brush Iron Bark - - -	New South Wales (North) -	4943'0
21 A. B. C. D.	Black Oak - - -	Liberia - - -	4933'0
1 A. B. C.	Siricote - - -	British Honduras - -	4928'0
53 A. B. <i>Ad. Ab.</i>	Myrtus Trinervis - - -	Queensland - - -	4928'0
4,665 A.	Kowah - - -	East India - - -	4928'0
54 A. B. <i>Ad. Ab.</i>	Myrtus Argentea - - -	Queensland - - -	4914'0
79 A. B. <i>Ad. Ab.</i>	Common Tea Tree - - -	Do. - - -	4907'0
55 A. B. <i>Ad. Ab.</i>	Backhousia Citriodora -	Do. - - -	4900'0
91 A. B.	Crab Tree - - -	Do. - - -	4900'0
6 A. B. C.	Eucalyptus, found at Buffalo.	Victoria - - -	4900'0
29 A. B. C. D. <i>Ad. Ab. Ac. Ad. A. B.</i>	- - - - -	Do. - - -	4899'0
222 A. B. C. D.	Palo Mulata - - -	Trinidad - - -	4896'0
7,066 A.	Rungas - - -	East India - - -	4894'0
36 A. B. <i>Ad. Ab.</i>	Pseudalangium Tomentosum.	Queensland - - -	4893'0
34 A. B. C. D.	- - - - -	Victoria - - -	4886'0
154 A. B.	Nettle Tree - - -	New South Wales (South) -	4886'0
45 A. B. <i>Ad. Ab.</i>	Schmidelia Pyriformis -	Queensland - - -	4886'0
12 A. B. C. D. <i>Ad. Ab. Ac. Ad.</i>	- - - - -	Victoria - - -	4868'0
169 A. B. C. D.	Red Wood - - -	Jamaica - - -	4865'0
7 A. B. C.	Whiamore - - -	Liberia - - -	4853'0

TABLE III.—continued.

No. of Specimen.	Name of Wood.	Colony.	Weight reduced to 12 in. by 2 in. sq.
			lbs.
3 A.	Yamag	Ceylon	1844.0
177 A. B. C. D.	Mountain Ash	New South Wales (South)	1832.0
113 A. B. Aa. Ab.	Mangrove	Queensland	1816.0
104 A. B.	Bitter Bark	New South Wales (North)	1816.0
47 A. B. C. D.	Rosewood	Do. Do.	1802.0
38 A. B. C. D.	Native Cherry Tree	Victoria	1792.0
1 A. B. C. D.	Monkey Nut	British Guiana	1780.0
69 A. B.	Found at Clarence and Richmond Brush Forests.	New South Wales (North)	1774.0
210 A. B. C.	Casuarina equisetifolia	Jamaica	1760.0
10,381 A.	Thitsee	East India	1750.0
7,529 A.	Asna or Asan	Do.	1740.0
6,542 A.	? Kokoh	Do.	1730.0
46 D.		Victoria	1720.0
10,355 A. B.	Thingadoo	East India	1715.0
351 A.	Musk Wood	Jamaica	1710.0
3 A. B. C.	Goorote	New South Wales (North)	1712.0
10,416 A. B.	Toung-za-lat	East India	1702.0
145 A.	Box?	Do.	1702.0
326 A. B.	Red Wood	Jamaica	1712.0
7,514 A. B.	Sakhoo	East India	1714.0
3,951 A.	Pindra	Do.	1724.0
7,531 A.	?	Do.	1704.0
3,961 A.	Mowah	Do.	1704.0
46 A. B. Aa. Ab.	Catha Cunninghami	Queensland	1697.0
84 A. B. Aa. Ab.	Satin Wood	Do.	1690.0
16 A.	Flooded Gum	New South Wales (South)	1681.0
332 A. B. C. D.	Hog Berry	Jamaica	1682.0
10,393 A. B.	Bambonay	East India	1648.0
34 D.	Dark Yellow Wood	Queensland	1634.0
208 A. B. C. D.	Canto	Trinidad	1622.0
60 A. B. Aa.	Myrtus Australis	Queensland	1620.0
10 A. B. C. D. Aa.	Woolly Butt	Victoria	1608.0
155 A. B. C. D.	Tapana Tapanari, or	Trinidad	1763.0
118 A. B. Aa. Ab.	Algodon.		
43 A. B. C. D.	Acacia Sapindoides	Queensland	3290.0
7,090 A.	Kumpas	Victoria	1581.0
69 A. B. Aa. Ab.	Smooth-barked Gum	East India	1564.0
20 A. B. Aa. Ab.		Queensland	1556.0
Pa. Bb.		Do.	1550.0
7,072 A.	Klat-	East India	4256.0
2,403 A.	Klaydang	Do.	4256.0
9 A. B. C.		Victoria	4335.0
51 A. B. C. D.	Pencil Cedar; Turnip Wood.	New South Wales (North)	4515.0
376 A. B.	Blood Red Wood; Black Mahogany.	Jamaica	3,098.0
26 A. B.	Cherry of the Clarence	New South Wales (North)	4508.0
2,470 A.	Klat Mera	East India	4180.0
6,550 A.	? Pangah	Do.	4180.0
574 A. B. C. D.	Blue Gum	Tasmania	4467.0
19 A. B.	Clarence and Richmond Brush.	New South Wales (North)	4466.0
169 A. B. C. D.	Surette	Trinidad	4445.0
24 Aa. Ab.		Hungary	4438.0
10,359 A. B.	Toung-tha-lay	East India	4438.0
13 A. B. C. D.	Swamp Mahogany	New South Wales (South)	4418.0
2 A. B. C. D.		Hungary	4418.0
5,055 A.	Kardahee	East India	1935.0
2,465 A.	Marnbow	Do.	1424.0
144 A.	Bengha	Do.	4396.0
94 A. B.	Silver Tree	Queensland	4396.0
7,520 A.	?	East India	4382.0
40 A. B. Aa. Ab.	Cupania sp.	Queensland	4368.0
334 A. B. C. D.	Black Mahogany, or	Jamaica	4354.0
284 A. B.	Blood Red Wood.		4347.0
7 A. B. C. D.	Tecoma Stans	Do.	
7,632 A. B. C. D.	Mooraballi	British Guiana	4340.0
7,075 A.	Oak Au	East India	4312.0
	Jermalung	Do.	4312.0

TABLE III.—continued.

No. of Specimen.	Name of Wood.	Colony.	Breakin Weight reduced to 12 in. by 2 in. sq.
			lbs.
6,548 A.	? Nabhay	East India	4312.0
5 A. B.	Kakuralli	British Guiana	4312.0
10,386 A.	Nabhay	East India	4312.0
219 A. B. C. D.	Tamarind	Trinidad	4234.0
89 A. B.	Bursaria Spinosa	Queensland	4234.0
81 A. B. AG. AB.	Croton Phebaloides	Do.	4284.0
18 A. B. C.	Blue Gum of Coast Districts.	New South Wales (South)	4265.5
164 A. B. C. D.	Blood or Iron Wood	Jamaica	4203.0
5,608 A.	Koozoom	East India	4256.0
171 A. B. C. D.	Galba	Trinidad	4240.0
15 A. B. C. D.	Burr Wood	Liberia	4235.0
252 A. B. C.	White Mangrove	Jamaica	4228.0
18 A. B. C.	Caraba or Crab Wood	British Guiana	4219.0
52 A. B. C. D.	Apple Tree of Coast	New South Wales (South)	4202.0
205 A. B. C. D.	Canturo	Trinidad	4211.0
10,354 A. B.	Thin Ghau	East India	4200.0
11 A. B.	-	Hungary	4196.0
10,380 A.	Kokoh	East India	4144.0
93 A. B. AG. AB.	Steveniace	Queensland	4137.0
9 A. B. C.	-	Hungary	4130.0
206 A. B. C. D. A. C.	Bois de fer	Trinidad	4107.0
17 A. B.	Brimstone	Liberia	4102.0
207 A. B. C. D.	Canto	Trinidad	4095.0
4,661 A.	Iwinrusse	East India	4088.0
7 A. B. C.	-	Victoria	4088.0
44 A. B.	Black Myrtle	New South Wales (North)	4088.0
70 A. B. AG. AB.	Blood Wood	Queensland	4088.0
20 A. B.	Blue Gum	New South Wales (South)	4074.0
27 A. B. C.	Native Tamarind	Do. do. (North)	4069.0
60 A. B. C.	Common Tea Tree	Do. do. (South)	4065.0
86 A. B. P.	Woodunpar	East India	4060.0
10,405 A. B.	Huau	Do.	4060.0
10,375 A. B.	May-zai-lei	Do.	4046.0
261 A. B. C. D. A. AG. AB. AC. AD.	Laurier Blanc	Trinidad	4074.0
5,599 A.	Teak Sagoon	East India	4032.0
369 A. B. C. D.	Tea Tree	Tasmania	4039.0
6 A. B. C. D.	Red Box	New South Wales (North)	4007.0
11 A. B. AG. AB.	Light Yellow Wood	Queensland	3997.0
10 A. B.	Memu	New South Wales (North)	3990.0
109 A. B.	Swamp Mahogany	Do. do.	3990.0
4,658 A.	Puteereca Sagoon	East India	3976.0
49 A. B. AG. AB.	Minusopa Parviflora	Queensland	3976.0
105 A. B.	Light Yellow Wood	New South Wales (North)	3976.0
163 A.	Mahor des Londres	Trinidad	3976.0
5,603 A.	Assau	East India	3976.0
17 A. B.	Pobo	New South Wales (North)	3948.0
6,547 A.	? Khyong-rook	East India	3948.0
320 A. B.	Yoke Wood	Jamaica	3948.0
160 A. B. C.	Soapnut Tree	Trinidad	3920.0
10,364 A.	Pinlay Oong	East India	3920.0
23 A. B. C. D.	Uria Wymbie	New South Wales (North)	3913.0
22 A. B. C. D.	Mahogany	Liberia	3887.0
15 A. B. C.	Wattle	Victoria	3884.0
59 A. B.	Prickly Tea Tree	New South Wales (South)	3880.0
4,659 A.	Doodhoa Sagoon	East India	3864.0
212 A. B.	Ralsana Capavi	Trinidad	3864.0
10,225 A.	Saul	East India	3854.0
33 A.	Rosewood	Queensland	3850.0
— A.	Pine (Hunter River)	New South Wales (South)	3845.0
1 A. B.	Bogum Bogum	Do. (North)	—
10,394 A. B.	Thahyehgio	East India	3836.0
4,667 A.	Trosum	Do.	3808.0
127 A.	Tamarind	New South Wales (South)	3808.0
108 A. B.	Beach Brush Cherry	Do.	3789.0
5,957 A.	Thie or Sisso	East India	3786.0
10 A. B. C. D.	-	Hungary	3780.0
59 A. B. AG. AB.	Myrtus Aemniodes	Queensland	3766.0
3,054 A.	Londya	East India	3752.0
23 A.	Yaxnic or Yaxnig	British Honduras	3752.0
47 A. B. AG. AB.	Lime	Queensland	3710.0

TABLE III.—continued.

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
			lbs.
4 A. B. C. D.	- - - -	Hungary - - -	3677'0
29 A. B. C.	Hitchia - - -	British Guiana - -	3672'0
10,475 A. B.	Manceo Auka - -	East India - - -	3668'0
63 A. B. A.G. A.B.	Black Iron Bark - -	Queensland - - -	3668'0
110 A. B. A.G. A.B.	Icra Thozetiana - -	Do. - - -	3664'0
10,221 A.	Philibut - - -	East India - - -	3640'0
3,956 A.	Taman - - -	Do. - - -	3640'0
187 A. B. C. D.	Gommier - - -	Trinidad - - -	3633'0
93, 94 A. B. C. D.	Myrtle - - -	Tasmania - - -	3635'0
7,618 A. B.	Thin Ghau - - -	East India - - -	3639'0
1 A. B. C. D.	- - - -	Hungary - - -	3635'0
5,664 A.	Gumbara - - -	East India - - -	3584'0
7,517 A.	Toon - - -	Do. - - -	3584'0
17 A. B. C.	A. - - -	Hungary - - -	3563'0
169 A. B. C. D.	Paraman - - -	Trinidad - - -	3561'0
248 A. B. C. D.	Cypre - - -	Do. - - -	3555'0
17 A. D. A.G. A.B.	Tuip Tree - - -	Queensland - - -	3535'0
2,488 A.	Madang Marya Batee - -	East India - - -	3528'0
198 A. B. C. D.	Laurel - - -	Trinidad - - -	3529'0
9,239 A.	Bayang Bada - - -	East India - - -	3492'0
25 A. B. A.G. A.B.	Cherry - - -	Queensland - - -	3507'0
43 A. B.	Celtis Opaca - - -	New South Wales (North) -	3500'0
10,361 A. B.	Poonyet - - -	East India - - -	3500'0
10,409 A. B.	Htein - - -	Do. - - -	3500'0
149 A. B.	Light Wood, Leather Jacket, Coach Wood.	New South Wales (South) -	3472'0
77 A. B.	Broad-leaved Tea Tree - -	Queensland - - -	3472'0
12 B.	True or Yellow Box of Camden.	New South Wales (South) -	3472'0
7 A. B. C. D.	- - - -	Hungary - - -	3456'0
19 B. C.	For 3 specimens, Cedar - -	Liberia - - -	3455'0
15 A. B. C.	Musk Tree - - -	Victoria - - -	3454'0
7 A. B.	Burama - - -	New South Wales (North) -	3450'0
16 A. B.	Cherry - - -	Liberia - - -	3448'0
35 A. B. C. D.	Stringy Bark - - -	Victoria - - -	3435'0
20 A.G. A.B. A.C. A.D.	Mahogany - - -	Liberia - - -	3429'0
365 A. B.	Wild Cinnamon - - -	Jamaica - - -	3416'0
5,597 A.	Guringa - - -	East India - - -	3410'0
2,475 A.	Marsawa - - -	Do. - - -	3411'0
19 A. I. C. D.	Blue Gum of Camden - -	New South Wales (South) -	3416'0
52 A. B. A.G. A.B.	Hodgkinsonia Ovata - -	Queensland - - -	3416'0
85 A. B. C. D.	Urrie Burrigundie - - -	New South Wales (North) -	3396'0
102 A. B. C. D.	Silver Wattle - - -	Tasmania - - -	3390'0
136 A. B. C. D.	White Maple - - -	New South Wales (South) -	3379'0
1 A. B.	Borum Borum - - -	New South Wales (North) -	3374'0
10,362 A.	Gyo - - -	East India - - -	3360'0
1 A.	Rahmijilli - - -	Ceylon - - -	3360'0
6 B.	Mahogany (Hunter River) -	New South Wales - -	3360'0
1,215 A.	Karoo - - -	East India - - -	3360'0
13 A. B. C. D.	- - - -	Hungary - - -	3361'0
8 A. B. C. D.	- - - -	Do. - - -	3289'0
16 A. B. C. D.	Desert Cypress Pine - -	Victoria - - -	3275'0
30 A. B. A.G. A.B.	Beech - - -	Queensland - - -	3275'0
53 A. B. C. D.	Apple - - -	New South Wales (South) -	3264'0
3,948 A.	Siris - - -	East India - - -	3248'0
10,430 A. B. C.	Tounbein - - -	Do. - - -	3238'0
10,476 A. B. C.	Nzoo Tha - - -	Do. - - -	3243'0
76 A. B. A.G. A.B.	Spotted Gum - - -	Queensland - - -	3241'0
99 A. B. A.G. A.B.	Bean Tree - - -	Do. - - -	3241'0
23 A. B.	Samak or Sumach - - -	East India - - -	3220'0
112 A.G. A.B.	Cappadocia - - -	Queensland - - -	3220'0
189 A. B. C. D.	Jack Fruit - - -	Jamaica - - -	3218'0
361 A. B.	Peppermint - - -	Tasmania - - -	3208'0
7,077 A.	Sittola - - -	East India - - -	3203'0
4,857 A.	Seba Sasoon Teak - - -	Do. - - -	3192'0
6,551 A.	Lein - - -	Do. - - -	3192'0
10,426 A. B. C.	Kuyon Teak - - -	Do. - - -	3227'0
9 A. B.	Santa Maria - - -	British Honduras - -	3164'0
41 B.	Campana Pseudorchus - -	Queensland - - -	3140'0
3,949 A.	Hurdoo - - -	East India - - -	3136'0
33 A. B. C. D.	Grey Box - - -	Victoria - - -	3133'0

TABLE III.—continued.

No of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
15 A. B.	" " "	Hungary	lbs. 3117.0
39 A. B. A. A. A. B.	Sassafras	Queensland	3115.0
83 A. B. A. A. A. B.	Rottlera	Do.	3115.0
67 A. B. C.	Sassafras	Tasmania	3113.0
56 A. B. A. A. A. B.	Eugenia Marginata	Queensland	3108.0
167 A. B. C.	Cacapoule	Trinidad	3098.0
97 A. B. C. D.	White Gum	Tasmania	3090.0
105 A. B. A. A. A. B.	Barkleya Syringifolia	Queensland	3087.0
227 A. B.	Angelica	Trinidad	3080.0
50 A. B. A. A. A. B.	Maba Geminata	Queensland	3073.0
19 A. B.	Cherry	New South Wales (North)	3052.0
7,677 A. B.	Tsook Tha	East India	3052.0
11 A. B. C. D.	Broad-leaved Box Tree	Victoria	3048.0
7,674 A. B.	? Tonk Tea	East India	3024.0
35 A. B. A. A. A. B.	Cucurbit	Queensland	3007.0
3 A. B. A. A. A. B.	Sh. Pine	Do.	2990.0
1,214 A.	Dordhea	East India	2984.0
7 A.	River Oak	Queensland	2984.0
324 A. B.	Santa Maria	Jamaica	2968.0
260 A. B.	Almond Tree	Trinidad	2968.0
28 A. B. A. A. A. B.	Mangrove	Queensland	2954.0
9,238 A.	" " "	East India	2912.0
3 A.	Larch	Russia	2912.0
4,663 A.	Sai	East India	2912.0
10,415 A.	Khabonng	Do.	2912.0
8 A. B. A. A. A. B.	Shingle Oak	Queensland	2884.0
7,665 A. B.	Dhane Eha	East India	2884.0
14 A. B. C. D.	" " "	Hungary	2880.0
6 A. B. C. D.	Riga Oak	Russia	2870.0
4,672 A.	Khumeo	East India	2856.0
5 A. B. C. D.	" " "	Hungary	2835.0
7,619 A. B.	Ali Nau	East India	2828.0
6,545 A.	? Toun Katseet	Do.	2800.0
3,950 A.	Kaim	Do.	2800.0
15 A. B. A. A. A. B.	Silky Oak	Queensland	2772.0
28 A. B.	" " "	Hungary	2786.0
22 A. B.	Yamio	British Honduras	2758.0
367 A. B.	White Cedar	Jamaica	2747.0
10,419 A. B.	Tha-Khoo-ma	East India	2744.0
6 A. B. C. D.	" " "	Hungary	2679.0
27 A. B. C.	" " "	Do.	2679.0
7 A. A. A.	Tea Tree (Hunter River)	New South Wales	2660.0
125 A. B. C. D.	Madrass' Blush, Ladies' Blush.	New South Wales (South)	2650.0
36 A. B. C. D.	White Gum Tree	Victoria	2639.0
158 A. B. C. D.	Garlick Pear	Trinidad	2620.0
35 A. B.	Undambi	New South Wales (North)	2590.0
1,670 A.	Bhor	East India	2576.0
139 A.	White Myrtle, Blue Ash	New South Wales (South)	2576.0
21 A. B.	Cabbage Tree	Queensland	2576.0
40 A. B. C. D.	Coast Honeysuckle	Victoria	2486.0
10,438 A. B. C.	Nasha	East India	2529.0
7,527 A. B. C.	Neem	Do.	2520.0
88 A. B. A. A. A. B.	Grey Plum	Queensland	2520.0
2 A.	Larch	Russia	2520.0
102 A. B. A. A. A. B.	Ebonace	Queensland	2506.0
312 A. B. C.	Juniper Cedar	Jamaica	2501.0
4 A.	Cypress Pine	Queensland	2464.0
4,668 A.	Ghatoo	East India	2464.0
114 A. B.	Celtis sp.	Queensland	2464.0
2,490 A.	Niatoo	East India	2464.0
5 A. B.	Larch	Russia	2464.0
7,515 A.	" " "	East India	2464.0
68 A. B.	Pine Brush	New South Wales (North)	2408.0
10,427 A. B.	Yemanch	East India	2408.0
22 A. B. C. D.	Woomooli	New South Wales (North)	2404.0
43 A. B. A. A. A. B.	Tamarind	Queensland	2401.0
171 A. B. C. D.	Willow Birch	New South Wales (South)	2380.0
14 A. B. C. D.	Houbaballi	British Guiana	2373.0
51 A. B. C.	" " "	Victoria	2360.0
100 A. A. A. B.	Ebenace	Queensland	2352.0
6,549 A.	Titseim	East India	2352.0

TABLE III.—continued.

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
			lbs.
12 D.	Gomphan - - -	New South Wales (North)	2372·0
10,435 A. B.	Tinyoben - - -	East India - - -	2324·0
7,524 A.	Kaitha - - - -	Do. - - - -	2296·0
24 A. B. Aa. Ab.	- - - - -	Austria - - - -	2284·0
120 A. B.	Teak - - - - -	New South Wales (South)	2254·0
188 A. B.	Mango - - - -	Trinidad - - - -	2212·0
10,422 A. B.	Thauat - - - -	East India - - -	2184·0
75 A. B. C.	Mungkudu - - -	Do. - - - -	2184·0
39 A. B. C. D. Aa.	} Spurious Mulberry Tree	Victoria - - - -	2160·0
Ab. Ac. Ad.			
4 A. B.	Larch - - - -	Russia - - - -	2142·0
1 A. B. C. D.	Riga Fir - - - -	Do. - - - -	2128·0
51 A. B. Aa. Ab.	White Cedar - - -	Queensland - - -	2105·0
10 A. B. Aa. Ab.	Red Cedar - - - -	Do. - - - -	2072·0
87 A. B.	Leichardt's Wood -	Do. - - - -	2072·0
16 A. B. Aa. Ab.	Beefwood - - - -	Do. - - - -	2065·0
44 A. B. C. D.	Honeysuckle - - -	Victoria - - - -	870·0
12 A. B. C. D.	Do. - - - -	Do. - - - -	718·0

TABLE IV.—EXPERIMENTS FOR ASCERTAINING THE CRUSHING WEIGHT IN THE DIRECTION OF THE FIBRE OF THE WOODS, showing Amount yielded at every additional 1,120 lbs.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.		
AUSTRIA.															
20 A.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
20 B.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
20 C.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
20 D.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
21 A.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
21 B.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
21 C.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
22 A.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
22 B.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
22 C.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
22 D.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
23 A.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
23 B.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
24 A2.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
24 A2.	•	—	—	—	—	—	—	—	—	—	—	—	—	—	
BRITISH GUIANA.															
4 A.	Wadaiutor Monkey Nut	•001	•005	•003	•008	•010	•024	•008	•005	•010	•015	•019	•	•	7,840
4 B.	"	•008	•009	•010	•013	•015	•019	•008	•005	•010	•013	•	•	•	8,400
4 C.	"	•004	•005	•008	•010	•013	•	•008	•005	•010	•013	•	•	•	7,616
4 D.	"	•007	•008	•010	•012	•020	•	•008	•005	•010	•013	•	•	•	6,972
5 A.	Kakaralli	•003	•008	•010	•011	•013	•016	•008	•005	•010	•013	•	•	•	8,792
5 B.	"	•005	•007	•008	•010	•012	•014	•008	•005	•010	•013	•	•	•	8,932
												Split about half through. Not quite square.			



TABLE IV.—continued.

No. of Specimen.	Local Name.	Ibs. 2,240	Ibs. 3,360	Ibs. 4,480	Ibs. 5,600	Ibs. 6,720	Ibs. 7,840	Ibs. 8,960	Ibs. 10,080	Ibs. 11,200	Ibs. 12,320	Ibs. 13,440	Ibs. 14,560	Ibs. 15,680	Crushing Weight in Pounds.	REMARKS.
BRITISH HONDURAS.																
1 A.	Sircote "	.009	.014	.030	..	..	..	..	..	..	..	..	..	..	5,572	
1 B.	"	.007	.010	.016	..	..	..	..	..	..	..	..	..	..	5,348	
1 C.	"	.006	.009	.013	.028	..	..	..	..	..	..	..	..	..	5,880	
2 A.	Cramdilla "	.007	.009	.011	.018	.015	.020	.023	.036	..	..	..	..	..	11,648	
2 B.	"	.006	.008	.009	.012	.014	.016	.019	.026	.036	..	..	..	..	12,208	Not quite square.
3 A.	Chicheur "	.006	.008	.014	..	..	..	..	..	..	..	..	..	..	4,928	
3 B.	"	.005	.007	.009	.011	.018	..	..	..	..	..	..	..	..	6,888	
3 C.	"	.006	.008	.010	.014	..	..	..	..	..	..	..	..	..	6,421	
3 D.	"	.006	.008	.009	.012	.017	..	..	.012	.013	.014	.016	.019	..	7,093	
4 A.	Camsin "	.014	.006	.007	.008	.009	.010	.011	.012	.013	.014	.016	.019	..	15,531	
4 B.	"	.014	.006	.007	.008	.009	.010	.011	.013	.014	.015	.016	.019	..	15,148	
6 A.	Chaucax "	.006	.008	.010	.013	.022	..	..	..	..	..	..	..	..	6,944	
8 A.	Phanilo "	.007	.008	.010	.013	.016	.019	..	..	..	..	..	..	..	8,940	Split a little on one side.
9 A.	Santa-Maria "	.007	.009	.013	..	..	..	..	..	..	..	..	..	..	5,469	
9 B.	"	.007	.010	.016	..	..	..	..	..	..	..	..	..	..	4,760	
10 A.	Pasak "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10 B.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11 A.	Chyga "	.005	.007	.008	.011	.019	.014	.020	..	..	..	..	..	..	7,196	
12 A.	Bullet Wood "	.005	.007	.008	.010	.012	.014	.015	.037	..	..	..	..	..	10,192	
13 A.	"	.005	.006	.008	.009	.011	.012	.013	..	..	..	..	..	..	8,848	
13 B.	"	.005	.007	.008	.009	.011	.013	..	..	..	..	..	..	..	8,820	
14 A.	Tastab "	.005	.007	.008	.010	.013	.015	..	..	..	..	..	..	..	7,784	
14 B.	"	.006	.008	.009	.011	.014	..	..	..	..	..	..	..	..	8,250	
15 A.	Mabinjuh, or Mabinjuh-Subin, or Cubin "	.005	.007	.007	.009	.012	..	..	..	..	..	..	..	..	7,476	
16 A.	"	.004	.006	.007	.009	.012	..	..	..	..	..	..	..	..	7,317	
16 B.	"	.005	.007	.008	.011	.017	..	..	..	..	..	..	..	..	8,204	Not quite square.
17 A.	Sapodilla "	.008	.011	.016	.024	.125	.192	..	..	..	..	..	..	..	11,424	
18 A.	Kaskat "	.008	.010	.014	.022	.012	.014	.018	.024	.054	..	..	..	..	11,328	Most black vein. Nearer the heart than A. & B.
21 A.	Croufhouc "	.006	.007	.008	.009	.010	.013	.015	.020	.032	..	..	..	..	9,906	
21 B.	"	.005	.007	.008	.009	.012	.015	.019	..	..	..	..	..	..	..	
21 C.	"	.005	.007	.008	.010	.012	.015	..	..	..	..	..	..	..	..	





TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.		
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.
<b>EAST INDIA.</b>															
2,493 A.	Kalaydang	.007	.009	.011	.014	.016	.019	.028	..	..	..	..	..	..	..
3,318 C.	Sipi	.005	.007	.009	.012	.015	..	..	..	..	..	..	..	..	..
3,319 A.	Turifoo	.009	.008	.010	.013	.018	..	..	..	..	..	..	..	..	..
3,320 A.	Kam	.007	.009	.012	.015	..	..	..	..	..	..	..	..	..	..
3,351 A.	Pindar	.005	.009	.011	.010	..	..	..	..	..	..	..	..	..	..
3,352 A.	Gymungul	.006	.008	.010	.012	.014	.016	.022	..	..	..	..	..	..	..
3,353 A.	Kolnare	.007	.010	.014	.020	..	..	..	..	..	..	..	..	..	..
3,354 A.	Londiya	.000	.007	.009	.013	..	..	..	..	..	..	..	..	..	..
3,395 A.	Kardihare	.004	.006	.008	.012	..	..	..	..	..	..	..	..	..	..
3,396 A.	Laman	.007	.009	.012	.014	.020	..	..	..	..	..	..	..	..	..
3,397 A.	Time, or Sisso	.005	.006	.009	.013	.028	..	..	..	..	..	..	..	..	..
3,398 A.	Mowah	.006	.008	.010	.011	..	..	..	..	..	..	..	..	..	..
3,399 A.	Sekel Sagoon, Teak	.005	.007	.009	.012	.028	..	..	..	..	..	..	..	..	..
3,400 A.	Pacton, or Sagoon	.005	.006	.008	.009	.011	..	..	..	..	..	..	..	..	..
3,401 A.	Desatlova Sagoon	.006	.007	.009	.013	..	..	..	..	..	..	..	..	..	..
3,402 A.	Sumay	.004	.005	.007	.008	.010	.014	..	..	..	..	..	..	..	..
3,403 A.	Dimarassy	.003	.005	.007	.008	.010	..	..	..	..	..	..	..	..	..
3,404 A.	Diamum	.003	.005	.007	.011	.013	..	..	..	..	..	..	..	..	..
3,405 A.	Sai	.003	.012	..	..	..	..	..	..	..	..	..	..	..	..
3,406 A.	Borah	.004	.005	.007	.008	.010	.012	.015	..	..	..	..	..	..	..
3,407 A.	Kowah	.007	.010	.014	..	..	..	..	..	..	..	..	..	..	..
3,408 A.	Sakaloo	.005	.007	.009	.014	..	..	..	..	..	..	..	..	..	..
3,409 A.	Desatlova	.005	.007	.010	..	..	..	..	..	..	..	..	..	..	..
3,410 A.	Desatlova	.005	.007	.008	.010	.012	.016	..	..	..	..	..	..	..	..
3,411 A.	Blow	.008	.011	..	..	..	..	..	..	..	..	..	..	..	..
3,412 A.	Koolool	.002	.008	.009	.011	.013	.016	.038	..	..	..	..	..	..	..
3,413 A.	Koolool	.005	.008	.012	..	..	..	..	..	..	..	..	..	..	..
3,414 A.	Wood	.005	.007	.008	.008	.009	.010	.012	.014	.016	.020	..	..	..	..
3,415 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,416 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,417 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,418 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,419 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,420 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,421 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,422 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,423 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,424 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,425 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,426 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,427 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,428 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,429 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,430 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,431 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,432 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,433 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,434 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,435 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,436 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,437 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,438 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,439 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,440 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,441 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,442 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,443 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,444 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,445 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,446 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,447 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,448 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,449 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,450 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,451 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,452 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,453 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,454 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,455 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,456 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,457 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,458 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,459 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,460 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,461 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,462 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,463 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,464 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,465 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,466 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,467 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,468 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,469 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,470 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,471 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,472 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,473 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,474 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,475 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,476 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,477 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,478 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,479 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,480 A.	Wood	.005	.007	.008	.008	.010	.011	.013	.014	.016	.018	..	..	..	..
3,481 A.	Wood	.005	.007	.008	.008										

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs., 2,240.	lbs., 3,360.	lbs., 4,480.	lbs., 5,600.	lbs., 6,720.	lbs., 7,840.	lbs., 8,960.	lbs., 10,080.	lbs., 11,200.	lbs., 12,320.	lbs., 13,440.	lbs., 14,560.		
EAST INDIA.															
5,600 A.	Sissao, Black	•004	•005	•007	•008	•008	•010	•013	•016	•020	•018	•018	•018	10,584	Not square.
5,601 A.	Bardur	•006	•007	•008	•009	•010	•012	•025	•025	•025	•025	•025	•025	8,540	
5,602 A.	Alloes or Kandoo	•004	•006	•008	•009	•010	•013	•195	•195	•195	•195	•195	•195	8,060	
5,603 A.	Asah	•009	•014	•037	•130	•195	•195	•195	•195	•195	•195	•195	•195	7,532	
5,604 A.	Gumbaree	•005	•007	•008	•010	•010	•010	•010	•010	•010	•010	•010	•010	6,608	
5,605 A.	Jak "Tubsee"	•008	•012	•012	•018	•018	•018	•018	•018	•018	•018	•018	•018	5,152	
5,606 A.	Sissao, Red	•004	•005	•006	•008	•009	•012	•016	•016	•011	•018	•018	•018	8,932	
5,607 A.	Prasal	•001	•002	•003	•004	•006	•009	•013	•024	•024	•024	•024	•024	11,816	
5,608 A.	Koozom	•005	•006	•008	•009	•010	•013	•013	•013	•013	•013	•013	•013	7,016	
5,609 A.	Keelar	•009	•012	•014	•017	•020	•024	•024	•024	•024	•024	•024	•024	9,184	
5,610 A.	Koozom	•005	•006	•008	•010	•010	•015	•015	•015	•015	•015	•015	•015	6,008	
6,512 A.	Kokoh	•004	•006	•008	•010	•010	•010	•010	•010	•010	•010	•010	•010	4,788	
6,544 A.	Poukthenma-my-ek.	•008	•010	•018	•018	•018	•018	•018	•018	•018	•018	•018	•018	4,704	
Kyoak.															
6,545 A.	Toukatsuel	•009	•012	•033	•033	•033	•033	•033	•033	•033	•033	•033	•033	6,384	
6,547 A.	Khyong-yook	•004	•006	•007	•010	•010	•010	•010	•010	•010	•010	•010	•010	6,720	
6,548 A.	Nathay	•005	•006	•008	•010	•010	•010	•010	•010	•010	•010	•010	•010	8,845	
6,549 A.	Tissuin	•007	•010	•010	•010	•010	•010	•010	•010	•010	•010	•010	•010	7,243	
6,550 A.	Pangah	•004	•006	•006	•009	•013	•013	•013	•013	•013	•013	•013	•013	6,583	
6,551 A.	Lein	•005	•007	•008	•011	•011	•011	•011	•011	•011	•011	•011	•011	—	
7,064 A.	Jural	•005	•008	•010	•014	•027	•171	•244	•244	•244	•244	•244	•244	9,640	
7,065 A.	Guhau Bada	•006	•008	•010	•014	•027	•026	•010	•014	•014	•014	•014	•014	8,680	
7,066 A.	Rungas	•006	•007	•009	•010	•012	•025	•025	•025	•025	•025	•025	•025	9,744	
7,067 A.	Babakoh	•003	•004	•006	•007	•008	•010	•014	•014	•014	•014	•014	•014	8,648	
7,071 A.	Klat	•004	•005	•007	•008	•010	•012	•012	•012	•012	•012	•012	•012	7,728	
7,072 A.	Jumalang	•009	•008	•010	•014	•030	•030	•030	•030	•030	•030	•030	•030	5,796	
7,075 A.	Situlu	•008	•010	•014	•030	•030	•030	•030	•030	•030	•030	•030	•030	4,700	
7,077 A.	Damang-laut	•005	•007	•008	•010	•012	•015	•019	•019	•019	•019	•019	•019	9,576	
7,086 A.	Bintaling	•006	•007	•008	•010	•012	•015	•019	•019	•019	•019	•019	•019	—	
7,088 A.	Rumpas	•008	•012	•016	•021	•021	•021	•021	•021	•021	•021	•021	•021	6,083	
7,090 A.	Nidang-Serai	•004	•006	•007	•008	•010	•017	•017	•017	•017	•017	•017	•017	7,840	

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.		
EAST INDIA.															
7,093 A.	Gadine-gadine	.004	.006	.007	.009	.010	.014	..	..	..	..	..	..	..	8,960
7,231 A.	"	.005	.008	.012	.018	..	..	..	..	..	..	..	..	..	5,936
7,231 B.	"	.006	.008	.010	.020	..	..	..	..	..	..	..	..	..	5,936
7,511 A.	Sukhor	.005	.006	.008	.010	.014	..	..	..	..	..	..	..	..	7,476
7,515 A.	"	.004	.006	.007	.009	.010	.013	..	..	..	..	..	..	..	8,024
7,517 A.	Toon	.006	.007	.010	.017	..	..	..	..	..	..	..	..	..	5,786
7,520 A.	"	.004	.006	.008	.014	..	..	..	..	..	..	..	..	..	5,880
7,522 A.	Arar	.006	.008	.010	.013	.019	..	..	..	..	..	..	..	..	7,364
7,524 A.	Kattha	.004	.006	.009	.014	..	..	..	..	..	..	..	..	..	6,160
7,525 A.	Atom	.007	.009	.013	..	..	..	..	..	..	..	..	..	..	..
7,525 B.	Room	.004	.006	.008	.010	.017	..	..	..	..	..	..	..	..	5,376
7,531 A.	Asua or Asan	.004	.005	.006	.008	.009	.013	..	..	..	..	..	..	..	7,056
7,618 A.	Thin Gan	.006	.008	.010	.014	..	..	..	..	..	..	..	..	..	8,512
7,618 B.	"	.007	.010	.011	..	..	..	..	..	..	..	..	..	..	6,584
7,619 A.	Ah Nan	.007	.009	.012	.016	..	..	..	..	..	..	..	..	..	5,376
7,619 B.	"	.006	.008	.010	.014	.012	..	..	..	..	..	..	..	..	6,160
7,622 A.	Onk An	.004	.006	.008	.009	.012	..	..	..	..	..	..	..	..	6,197
7,622 B.	"	.006	.008	.010	.013	.017	.024	..	..	..	..	..	..	..	7,588
7,622 C.	"	.006	.008	.010	.013	.017	..	..	..	..	..	..	..	..	8,027
7,622 D.	"	.007	.009	.012	.014	.017	..	..	..	..	..	..	..	..	7,784
7,625 A.	Bon Mai Za	.006	.008	.010	.013	.017	..	..	..	..	..	..	..	..	6,907
7,625 B.	"	.005	.007	.009	.012	.014	.019	..	..	..	..	..	..	..	8,457
7,625 C.	Dhamp-Ehr	.008	.010	.012	.014	.017	..	..	..	..	..	..	..	..	13,008
7,625 D.	"	.006	.008	.010	.013	.017	..	..	..	..	..	..	..	..	4,704
7,625 E.	Toon Tse	.004	.006	.007	.008	.010	.011	.012	.014	.016	.018	..	..	..	4,816
7,625 F.	"	.006	.007	.010	..	..	..	..	..	..	..	..	..	..	5,488
7,627 A.	Tsok Tha	.006	.008	.010	.012	.014	.027	..	..	..	..	..	..	..	7,952
7,627 B.	"	.005	.007	.011	.025	..	..	..	..	..	..	..	..	..	5,824
7,628 A.	Bayang Gada	.005	.008	.013	..	..	..	..	..	..	..	..	..	..	4,816
7,629 A.	Braegun	.004	.006	.008	.012	..	..	..	..	..	..	..	..	..	6,440

Symptoms of dry rot.

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.		
EAST INDIA.															
9,247 A.	Philbeet	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,221 A.	Saul	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,225 A.	Sissoo	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,226 A.	Petwom	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,348 A.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,349 A.	Dwa-nce	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,349 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,352 A.	Eug	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,352 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,354 A.	Thinean	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,354 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,355 A.	Thineandor	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,355 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,356 A.	Eucyin	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,356 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,357 A.	Thya	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,358 A.	Gaienu	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,358 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,359 A.	Toung-tha-lay	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,359 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,361 A.	Poonyet	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,361 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,362 A.	Gyo	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,362 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,363 A.	Phay-long	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,363 B.	Yimma	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,368 A.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,368 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,367 A.	Broomayzn	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,373 A.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,373 B.	Guc-shweay	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,375 A.	May-zah-lee	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10,375 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..

No experiments.



TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.	
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.			lbs. 15,680.
EAST INDIA.																
10,420 A.	Than-day	-	-	.005	.007	.008	.010	.012	.016	-	-	-	-	-	8,457	No experiment.
10,420 B.	"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10,431 A.	Kyoun-douk	-	-	-	-	-	-	-	-	-	-	-	-	-	2,137	Bad symptoms of dry rot.
10,422 A.	Tharat	-	-	.010	-	-	-	-	-	-	-	-	-	-	2,576	Do.
10,422 B.	"	-	-	.005	.008	.010	.012	-	-	-	-	-	-	-	6,645	
10,426 A.	Kuyon Tyak	-	-	.007	.008	.010	.012	.014	-	-	-	-	-	-	6,580	
10,426 B.	"	-	-	.008	.009	.012	.014	-	-	-	-	-	-	-	6,608	
10,428 C.	"	-	-	.005	.006	.008	.010	-	-	-	-	-	-	-	3,976	
10,427 A.	Yemunch	-	-	.010	.011	-	-	-	-	-	-	-	-	-	4,928	
10,427 B.	"	-	-	.007	.009	.013	-	-	-	-	-	-	-	-	3,547	
10,429 A.	Mouakhia	-	-	.010	.030	-	-	-	-	-	-	-	-	-	-	-
10,430 A.	Tomben	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10,430 B.	"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10,430 C.	"	-	-	.006	.008	.010	.013	-	-	-	-	-	-	-	6,608	
10,434 A.	Thuetmin	-	-	.005	.006	.007	.009	.011	.014	-	-	-	-	-	8,704	
10,435 A.	Thuycohen	-	-	.006	.008	.011	.017	-	-	-	-	-	-	-	6,556	
10,435 B.	"	-	-	.008	.010	.015	-	-	-	-	-	-	-	-	5,724	
10,438 A.	Nusha	-	-	.006	.010	-	-	-	-	-	-	-	-	-	1,144	
10,438 B.	"	-	-	.008	.012	-	-	-	-	-	-	-	-	-	4,405	
10,438 C.	"	-	-	.007	.010	-	-	-	-	-	-	-	-	-	1,573	
10,440 A.	Banau	-	-	.008	.013	.018	.029	.025	.026	.030	-	-	-	-	9,072	Not square; split.
10,445 A.	Dedocap Tha	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No experiment.
10,465 B.	Mance Anka	-	-	.006	.007	.009	.011	.014	.018	-	-	-	-	-	2,652	No experiment.
10,475 A.	"	-	-	.006	.008	.010	.013	.018	-	-	-	-	-	-	7,016	
10,475 B.	Ngao Tha	-	-	.005	.007	.009	.012	-	-	-	-	-	-	-	9,664	
10,476 B.	"	-	-	.006	.008	.012	-	-	-	-	-	-	-	-	8,124	
10,476 C.	"	-	-	.006	.007	.008	.010	.015	-	-	-	-	-	-	7,804	
10,477 A.	Kay Yooab	-	-	.006	.008	.009	.011	.014	.018	-	-	-	-	-	8,512	Split.
10,477 B.	"	-	-	.005	.007	.008	.010	.014	-	-	-	-	-	-	7,756	Split a little in one corner.
10,477 C.	"	-	-	.006	.008	.010	.012	.015	.023	.084	-	-	-	-	9,931	
10,478 A.	"	-	-	.007	.009	.012	.016	.024	.030	-	-	-	-	-	8,456	







TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.		
JAMAICA.															
189 B.	Jack Fruit	•008	•010	•015	•010	••	••	••	••	••	••	••	••	••	5,516
189 C.	"	•005	•007	•008	•010	•011	••	••	••	••	••	••	••	••	6,008
189 D.	"	•006	•008	•008	•010	•011	••	••	••	••	••	••	••	••	6,085
201 A.	Red Candle Wood	•005	•007	•008	•009	•010	•013	•018	•006	••	••	••	••	••	9,408
201 B.	"	•005	•007	•008	•009	•012	•016	••	••	••	••	••	••	••	8,844
201 C.	"	•006	•008	•009	•011	•011	•022	••	••	••	••	••	••	••	8,475
201 D.	"	•006	•008	•009	•011	•011	•018	••	••	••	••	••	••	••	8,792
210	"	•006	•008	•009	•011	•014	•018	••	••	••	••	••	••	••	Symptoms of dry rot.
210 B.	"	•008	•011	•013	•019	•024	••	••	••	••	••	••	••	••	Symptoms of dry rot.
210 C.	"	•009	•007	•008	•010	•013	•024	••	••	••	••	••	••	••	Do.
212 A.	Jamaica Ebony	•005	•006	•008	•009	•010	•011	•013	•014	•016	•018	•021	•026	••	15,568
212 B.	"	•004	•005	•006	•007	•008	•010	•011	•012	•014	•016	•023	••	••	13,963
216 A.	Dog Wood	•004	•006	•007	•008	•009	•011	•014	•018	••	••	••	••	••	10,558
216 B.	"	•005	•006	•008	•009	•011	•014	•018	••	••	••	••	••	••	9,912
216 C.	"	•004	•005	•006	•007	•008	•009	•010	•012	•015	•018	••	••	••	13,272
216 D.	"	•004	•005	•006	•007	•009	•010	•012	•014	•018	••	••	••	••	12,171
218 A.	"	•004	•006	•008	•010	•014	••	••	••	••	••	••	••	••	7,420
218 B.	"	•005	•006	•008	•010	•012	•016	••	••	••	••	••	••	••	8,001
223 A.	Brazilletto	•002	•003	•004	•006	•007	•008	•009	•010	•013	••	••	••	••	12,245
223 B.	"	•005	•007	•008	•010	•012	•011	•013	•018	•022	•030	••	••	••	12,684
223 C.	"	•005	•007	•008	•010	•012	•011	•013	•018	•022	•030	••	••	••	12,283
223 D.	"	•005	•007	•008	•010	•012	•011	•013	•018	•022	•030	••	••	••	12,283
228 A.	Yellow Candle Wood	•007	•010	•012	•014	•017	•020	••	••	••	••	••	••	••	12,264
228 B.	"	•004	•005	•006	•008	•009	•011	•014	•018	•022	•030	••	••	••	8,736
236 A.	South-American "Aca-cin.	•012	•018	••	•008	•009	•011	•014	••	••	••	••	••	••	9,004
236 B.	"	•008	•011	••	••	••	••	••	••	••	••	••	••	••	4,088
236 C.	"	•008	•011	••	••	••	••	••	••	••	••	••	••	••	4,284
252 A.	White Mangrove	•006	•008	•010	•014	••	••	••	••	••	••	••	••	••	1,032
252 B.	"	•008	•011	•013	•017	••	••	••	••	••	••	••	••	••	6,309
252 C.	"	•005	•007	•009	•017	••	••	••	••	••	••	••	••	••	6,381
252 D.	"	•005	•007	•009	•017	••	••	••	••	••	••	••	••	••	5,889





TABLE IV.—continued.

No. of Specimen.		Local Name.		Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	16,800.		
JAMAICA.																	
365 A.	Wild Cinnamon	.004	.006	.007	.008	.010										7,765	Not square.
365 B.	"	.003	.005	.010	.015											6,197	
367 A.	White Cedar	.006	.003	"	"	"										3,893	
371 A.	"	.008	"	"	"	"										3,360	
371 D.	White Torch	.010	.012	.015	.017	.019	.022	.027								9,259	Out of square.
371 C.	"	.005	.006	.008	.009	.010	.011	.016								16,806	
371 B.	"	.005	.006	.008	.009	.011	.014									8,736	
372 A.	Red Apple	.003	.006	.008	.009	.010	.012	.014								16,806	
372 B.	"	.013	.021	.026	.030	.034										16,806	Out of square.
376 A.	Blood-red Wood	.003	.008	.010	.014											7,504	
376 B.	"	.006	.007	.009	.011	.015										6,381	
378 A.	Fig Tree, Wild	.006	"	"	"	"										7,429	
384 A.	Black Mangrove	.006	.008	.010	.012	"										6,533	
384 B.	Blood-red Wood.	.003	.006	.008	.010	.016										6,381	Out of square.
384 C.	"	.003	.006	.009	.013	.018										7,728	
407 A.	Star Apple	.005	.007	.008	.012	"										6,328	
		.006	.008	.009	.011	.013	.018									8,024	
LIBERIA.																	
407 A.	Winsore	.006	.007	.009	.013											6,309	Furthest from heart. Nearest heart. Between specimens.
407 B.	"	.005	.006	.008	.010	.012										7,046	
407 C.	"	.007	.008	.010	.012											5,007	
407 D.	Cedar	.007	.008	.009	.010	.012	.014	.016	.018	.022						11,881	
407 E.	"	.007	.008	.009	.010	.012	.014	.015	.017	.020	.029					11,865	
407 F.	"	.006	.007	.008	.009	.011	.013	.015	.017	.020						12,824	
407 G.	Black Gum	.004	.008	.007	.008	.010	.012	.014	.018	.015						10,012	
407 H.	"	.005	.006	.007	.008	.009	.010	.012	.013	.015						12,152	
407 I.	"	.005	.007	.008	.010	.012	.015	.021								6,286	

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.		
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.			lbs. 13,440.	lbs. 14,560.
LIBERIA.															
15 A.	Burr Wood	.006	.007	.009	.011	.014	..	..	..	..	..	..	..	..	7,653
15 B.	"	.006	.008	.010	.012	.016	..	..	..	..	..	..	..	..	7,728
15 C.	"	.005	.006	.008	.010	.013	..	..	..	..	..	..	..	..	7,756
15 D.	"	.006	.008	.010	.013	.017	..	..	..	..	..	..	..	..	7,952
16 A.	"Cherry"	.007	.009	.011	.014	..	..	..	..	..	..	..	..	..	8,160
16 B.	"	.007	.008	.010	.015	..	..	..	..	..	..	..	..	..	8,384
17 A.	Brimstone	.006	.007	.009	.012	..	..	..	..	..	..	..	..	..	8,636
17 B.	"	.008	.010	.012	.016	..	..	..	..	..	..	..	..	..	..
17 C.	"	..	..	.007	.008	.010	.013	.017	..	..	..	..	..	..	9,483
18 A.	Box Wood	.014	.005	.006	.007	.009	.010	.012	.016	..	..	..	..	..	10,612
18 B.	"	.014	.005	.006	.007	.009	.010	.012	..	..	..	..	..	..	8,048
19 A.	Cedar	.008	.007	.009	.014	..	..	..	..	..	..	..	..	..	..
19 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19 C.	"	.006	.008	.010	.015	..	..	..	..	..	..	..	..	..	6,085
20 Aa.	Mahogany	.005	.007	.009	.012	..	..	..	..	..	..	..	..	..	6,100
20 Ab.	"	.007	.009	.012	..	..	..	..	..	..	..	..	..	..	5,488
20 Ac.	"	.008	.010	.013	.018	..	..	..	..	..	..	..	..	..	6,123
20 Ad.	"	.006	.008	.011	.019	..	..	..	..	..	..	..	..	..	6,048
20 Ae.	Iron Wood	.005	.006	.007	.008	.010	.012	.015	..	..	..	..	..	..	10,080
20 A.	"	.005	.006	.007	.008	.009	.010	.012	.016	..	..	..	..	..	9,931
20 B.	"	.005	.006	.008	.010	..	..	..	..	..	..	..	..	..	1,172
20 C.	"	.005	.007	.008	.010	.012	.015	..	..	..	..	..	..	..	8,820
21 A.	Black Oak	.014	.005	.006	.008	.009	.010	..	..	..	..	..	..	..	7,728
21 B.	"	.006	.007	.008	.010	.012	.015	..	..	..	..	..	..	..	8,252
21 C.	"	.001	.003	.007	.008	.010	.015	..	..	..	..	..	..	..	7,803
21 D.	"	.005	.006	.008	.010	.012	..	..	..	..	..	..	..	..	6,085
22 A.	Mahogany	.005	.007	.008	.012	..	..	..	..	..	..	..	..	..	6,085
22 B.	"	.006	.008	.010	.015	..	..	..	..	..	..	..	..	..	5,880
22 C.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22 D.	"	..	..	..	.012	.016	..	..	..	..	..	..	..	..	7,728
58 A.	Mahogany	.006	.008	.010	.012	..	..	..	..	..	..	..	..	..	8,160
58 B.	"	.005	.007	.008	.010	.012	.015	..	..	..	..	..	..	..	..







TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.	
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.			lbs. 15,680.
NEW SOUTH WALES, N.																
63 A.	Bastard Myall	.007	.010	.012	.015	.018	.022	.026	.030	.034	.038	.042	.046	.050	.054	.058
64 B.	"	.005	.007	.008	.010	.012	.016	.018	.022	.026	.030	.034	.038	.042	.046	.050
65 A.	"	.005	.005	.006	.008	.010	.012	.018	.022	.026	.030	.034	.038	.042	.046	.050
67 B.	"	.005	.007	.008	.010	.012	.017	.022	.026	.030	.034	.038	.042	.046	.050	.054
68 A.	"	.010	.014	.018	.022	.026	.030	.034	.038	.042	.046	.050	.054	.058	.062	.066
69 A.	"	.005	.006	.008	.010	.012	.016	.018	.022	.026	.030	.034	.038	.042	.046	.050
70 A.	"	.005	.008	.010	.012	.016	.018	.022	.026	.030	.034	.038	.042	.046	.050	.054
71 A.	Swamp Oak	.006	.007	.008	.010	.012	.019	.022	.026	.030	.034	.038	.042	.046	.050	.054
71 B.	"	.005	.006	.008	.010	.012	.019	.022	.026	.030	.034	.038	.042	.046	.050	.054
72 A.	White Myrtle	.005	.006	.007	.008	.010	.011	.013	.016	.018	.022	.026	.030	.034	.038	.042
73 A.	"	.004	.005	.006	.007	.008	.010	.013	.016	.018	.022	.026	.030	.034	.038	.042
74 B.	Iron Bark of the Clarence	.005	.006	.007	.008	.010	.011	.013	.016	.018	.022	.026	.030	.034	.038	.042
77 A.	"	.005	.007	.008	.009	.010	.011	.013	.016	.018	.022	.026	.030	.034	.038	.042
77 B.	"	.005	.007	.008	.009	.010	.011	.013	.016	.018	.022	.026	.030	.034	.038	.042
81 A.	Marblewood	.008	.007	.009	.011	.013	.016	.020	.024	.028	.032	.036	.040	.044	.048	.052
84 B.	"	.005	.006	.007	.008	.010	.013	.016	.018	.022	.026	.030	.034	.038	.042	.046
88 A.	"	.004	.005	.006	.007	.008	.010	.013	.016	.018	.022	.026	.030	.034	.038	.042
88 B.	"	.004	.005	.006	.007	.008	.010	.013	.016	.018	.022	.026	.030	.034	.038	.042
89 B.	"	.004	.005	.006	.008	.010	.013	.016	.018	.022	.026	.030	.034	.038	.042	.046
93 A.	"	.005	.007	.008	.010	.012	.016	.020	.024	.028	.032	.036	.040	.044	.048	.052
93 B.	"	.005	.007	.009	.012	.016	.020	.024	.028	.032	.036	.040	.044	.048	.052	.056
102 A.	Flooded Gum	.006	.007	.009	.012	.016	.020	.024	.028	.032	.036	.040	.044	.048	.052	.056
102 B.	"	.004	.006	.007	.009	.012	.016	.020	.024	.028	.032	.036	.040	.044	.048	.052
102 C.	"	.004	.006	.007	.009	.012	.016	.020	.024	.028	.032	.036	.040	.044	.048	.052
102 D.	"	.002	.004	.005	.007	.009	.012	.016	.020	.024	.028	.032	.036	.040	.044	.048
103 A.	Grey Gum	.007	.009	.011	.013	.015	.018	.022	.026	.030	.034	.038	.042	.046	.050	.054
103 B.	"	.005	.007	.008	.010	.012	.016	.020	.024	.028	.032	.036	.040	.044	.048	.052
104 A.	Bitter Bark	.006	.008	.010	.012	.016	.020	.024	.028	.032	.036	.040	.044	.048	.052	.056
104 B.	"	.005	.007	.008	.010	.012	.016	.020	.024	.028	.032	.036	.040	.044	.048	.052
105 A.	Light Yellow Wood	.005	.006	.007	.008	.010	.013	.016	.018	.022	.026	.030	.034	.038	.042	.046
105 B.	"	.005	.008	.010	.012	.016	.020	.024	.028	.032	.036	.040	.044	.048	.052	.056

Not square.

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.		
		lbs. 15,680.	lbs. 16,800.	lbs. 17,920.	lbs. 19,040.	lbs. 20,160.	lbs. 21,280.	lbs. 22,400.	lbs. 23,520.	lbs. 24,640.	lbs. 25,760.	lbs. 26,880.	lbs. 28,000.		
NEW SOUTH WALES, N.															
106 A.	Ironwood	.006	.008	.009	.010	.012	.014	.016	..	..	..	..	..	..	10,080
103 B.	"	.004	.005	.006	.007	.008	.010	.012	..	..	..	..	..	..	9,968
109 A.	Swamp Mahogany	.007	.009	.010	.013	.016	..	..	..	..	..	..	..	..	7,504
111 A.	Water Gum	.004	.007	.010	.015	..	..	..	..	..	..	..	..	..	6,384
111 B.	"	.006	.009	.012	.018	..	..	..	..	..	..	..	..	..	8,100
111 C.	"	.006	.008	.012	.018	..	..	..	..	..	..	..	..	..	6,160
111 D.	"	.008	.010	.015	.018	..	..	..	..	..	..	..	..	..	6,384
114 A.	British Iron Bark	.007	.009	.012	.018	..	..	..	..	..	..	..	..	..	6,272
114 B.	"	.005	.006	.008	.011	.019	..	..	..	..	..	..	..	..	7,000
114 C.	"	.007	.009	.013	.020	..	..	..	..	..	..	..	..	..	6,244
NEW SOUTH WALES, S.															
1 A.	White or Pale Iron Bark	.006	.007	.009	.010	.012	.013	.015	.016	.019	.021	..	..	..	12,320
1 B.	"	.005	.006	.007	.008	.009	.010	.011	.012	.014	.015	..	..	..	11,568
1 C.	"	.006	.008	.009	.010	.012	.013	.015	.016	.017	.020	..	..	..	13,384
2 A.	White Iron Bark	.005	.008	.008	.009	.010	.012	.013	.014	.016	.018	..	..	..	13,328
2 B.	"	.005	.006	.008	.009	.010	.012	.013	.014	..	..	..	..	..	10,024
3 A.	Iron Bark	.005	.006	.007	.009	.010	.012	.013	.015	.020	..	..	..	..	10,040
3 B.	"	.005	.006	.007	.009	.010	.012	.014	.018	..	..	..	..	..	10,040
3 C.	"	.005	.007	.008	.009	.010	.012	.014	.018	..	..	..	..	..	10,040
4 A.	Broad-leaved Rough Iron Bark.	.006	.007	.009	.010	.011	.014	.017	..	..	..	..	..	..	10,040
4 B.	"	.008	.011	.013	.016	.019	.023	.046	..	..	..	..	..	..	9,856
4 C.	"	.006	.007	.009	.010	.012	.014	.016	..	..	..	..	..	..	8,988
5 A.	Iron Bark	.005	.008	.010	.012	.014	.016	.021	..	..	..	..	..	..	9,172
5 B.	"	.005	.007	.009	.011	.014	.016	.019	.023	..	..	..	..	..	10,864
5 C.	"	.005	.006	.008	.010	.012	.014	.016	.021	..	..	..	..	..	10,304
5 D.	"	.005	.007	.009	.010	.012	.014	.016	.021	..	..	..	..	..	10,304
5 E.	"	.005	.006	.008	.010	.012	.014	.016	.021	..	..	..	..	..	10,304
5 F.	"	.005	.007	.009	.010	.012	.014	.016	.021	..	..	..	..	..	10,304

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.		
NEW SOUTH WALES, S.															
7 A.	Narrow leaved, Smooth, or Red Iron Bark.	.006	.007	.008	.009	.011	.012	.014	.018	..	..	..	..	10,565	Not quite square.
7 B.	"	.013	.015	.017	.019	.021	.023	.025	.030	..	..	..	..	10,416	
7 C.	"	.005	.006	.008	.009	.011	.014	.018	..	..	..	..	..	9,720	
7 D.	"	.006	.008	.011	.016	.021	.026	..	..	..	..	..	..	8,940	
8 A., B., C.	Narrow-leaved Iron Bark	.006	.008	.012	.015	.018	.022	.024	.030	..	..	..	..	10,168	
8 D.	"	.006	.008	.010	.011	.013	.015	.017	.020	..	..	..	..	10,808	
10 A.	Box of Illawarra	.006	.008	.010	.012	.016	.022	..	..	..	..	..	..	8,120	
10 B.	"	.004	.006	.007	.009	.013	.015	..	..	..	..	..	..	7,728	
10 C.	"	.005	.007	.008	.010	.014	..	..	..	..	..	..	..	7,816	
10 D.	"	.005	.010	.013	.016	.018	.021	.028	..	..	..	..	..	9,128	
11 A.	Baslard Box of Illawarra	.006	.006	.009	.007	.008	.010	.011	.013	.016	..	..	..	10,948	
11 B.	"	.006	.003	.009	.011	.013	.014	.017	.019	..	..	..	..	10,920	
11 C.	"	.004	.005	.007	.008	.009	.011	.014	.018	..	..	..	..	10,304	
11 D.	"	.004	.005	.007	.008	.009	.010	.012	.014	..	..	..	..	10,864	
12 A.	True or Yellow Box of Camden.	.006	.008	.009	.014	..	..	..	..	..	..	..	..	6,064	
12 B.	"	.008	.010	.013	.019	..	..	..	..	..	..	..	..	6,216	
12 C.	"	.008	.010	.013	.022	..	..	..	..	..	..	..	..	5,899	
13 A.	Baslard Box	.006	.008	.009	.011	.012	.014	.016	.018	..	..	..	..	11,290	
13 B.	"	.008	.007	.008	.009	.010	.012	.013	.015	..	..	..	..	10,724	
13 C.	"	.006	.007	.008	.010	.011	.013	.015	.018	..	..	..	..	10,804	
13 D.	"	.004	.005	.006	.008	.009	.010	.012	.013	.016	..	..	..	12,696	
13 A, C.	"	.005	.007	.008	.009	.010	.012	.030	.050	.080	..	..	..	11,536	
13 A, D.	"	.003	.008	.010	.012	.014	.016	.018	.021	..	..	..	..	10,752	
14 A.	"	.004	.005	.006	.007	.008	.010	.012	.025	..	..	..	..	10,080	
14 B.	"	.007	.010	.014	.017	.020	.025	..	..	..	..	..	..	8,736	
14 C.	"	.004	.006	.007	.008	.010	.012	.015	..	..	..	..	..	9,800	
14 D.	"	.006	.008	.009	.010	.012	.014	.016	..	..	..	..	..	10,005	
15 A.	Box	.008	.010	.014	.018	..	..	..	..	..	..	..	..	6,496	
15 B.	"	.005	.006	.007	.008	.012	..	..	..	..	..	..	..	7,448	
15 C.	"	.004	.006	.007	.009	.014	..	..	..	..	..	..	..	7,093	
16 A.	Flooded Gum	.004	.006	.008	.010	..	..	..	..	..	..	..	..	0,440	



TABLE IV. —continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.	
		lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600	lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			lbs. 13,440
NEW SOUTH WALES, S.														
26 D.	Spotted or Mottled Gum	•005	•005	•008	•009	•011	•015	..	..	..	..	..	..	8,344
27 A.	Black Butt Gum	•001	•005	•006	•008	•010	•012	..	..	..	..	..	..	7,810
27 B.	"	•001	•005	•007	•008	•010	•012	..	..	..	..	..	..	8,592
27 C.	"	•001	•005	•006	•007	•008	•010	..	..	..	..	..	..	8,176
27 D.	"	•003	•004	•005	•007	•009	•012	..	..	..	..	..	..	8,732
37 A.	"	•005	•007	•009	•011	•013	•017	..	..	..	..	..	..	8,724
37 B.	"	•004	•006	•007	•008	•010	•013	..	..	..	..	..	..	7,728
37 C.	"	•007	•008	•010	•011	•014	..	..	..	..	..	..	..	11,144
37 D.	"	•005	•007	•008	•009	•010	•012	•013	..	..	..	..	..	8,730
38 A.	Grey Gum from Brisbane Water.	•006	•008	•010	•011	•013	•017	..	..	..	..	..	..	..
38 B.	"	•004	•005	•008	•008	•010	•014	..	..	..	..	..	..	8,368
38 C.	"	•005	•007	•009	•010	•012	•014	•021	..	..	..	..	..	9,324
38 D.	"	•007	•008	•010	•012	•014	•022	..	..	..	..	..	..	8,036
40 A.	Messmate	•005	•008	•009	•011	•016	..	..	..	..	..	..	..	7,448
40 B.	"	•005	•007	•008	•010	•014	..	..	..	..	..	..	..	7,672
40 C.	"	•003	•004	•005	•008	•010	..	..	..	..	..	..	..	7,672
40 D.	"	•005	•007	•008	•010	•014	..	..	..	..	..	..	..	7,560
42 A.	Swamp Mahogany	•004	•005	•008	•010	•015	..	..	..	..	..	..	..	7,924
42 B.	"	•006	•008	•009	•011	•014	..	..	..	..	..	..	..	7,392
42 C.	"	•006	•008	•011	•014	•017	..	..	..	..	..	..	..	7,224
43 A.	"	•005	•007	•009	•011	..	..	..	..	..	..	..	..	5,600
43 B.	"	•006	•007	•009	•015	..	..	..	..	..	..	..	..	5,600
43 C.	"	•006	•009	•011	•019	..	..	..	..	..	..	..	..	5,768
43 D.	"	•007	•009	•012	•019	..	..	..	..	..	..	..	..	4,620
44 A.	Mahogany	•005	•007	•008	•010	•013	..	..	..	..	..	..	..	7,614
44 B.	"	•005	•008	•009	•012	•015	..	..	..	..	..	..	..	7,474
44 C.	"	•005	•007	•008	•010	•012	•018	..	..	..	..	..	..	8,240
44 D.	"	•005	•007	•008	•010	•012	•018	..	..	..	..	..	..	8,176
45 A.	Stringy Bark of Coast	•005	•007	•008	•009	•010	•012	•015	..	..	..	..	..	9,296
45 B.	"	•005	•008	•009	•011	•013	•015	•020	..	..	..	..	..	8,060
45 C.	"	•005	•007	•008	•009	•011	•013	•017	..	..	..	..	..	9,404
45 D.	"	•005	•006	•008	•009	•010	•012	•013	..	..	..	..	..	9,212

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.		
NEW SOUTH WALES, S.															
47 A.	Stringy Bark, Applu	.006	.008	.009	.011	.013	.015	.020	..	..	..	..	..	9,352	
47 B.	" "	.007	.008	.010	.012	.014	.016	..	..	..	..	..	..	8,792	
47 C.	" "	.008	.010	.012	.015	.017	.020	..	..	..	..	..	..	8,456	
47 D.	" "	.005	.006	.007	.009	.010	.014	..	..	..	..	..	..	8,292	
48 A.	Stringy Bark, Camden	.006	.007	.008	.010	.013	.016	..	..	..	..	..	..	8,792	
48 B.	" "	.005	.007	.008	.009	.011	.015	..	..	..	..	..	..	8,288	
48 C.	" "	.006	.007	.008	.010	.013	.016	..	..	..	..	..	..	8,960	
48 D.	" "	.006	.008	.009	.010	.013	.016	..	..	..	..	..	..	8,148	
49 A.	Stringy Bark, Berrina	.006	.008	.009	.010	.013	.016	..	..	..	..	..	..	7,728	
49 B.	" "	.006	.008	.010	.013	.016	..	..	..	..	..	..	..	7,532	
49 C.	" "	.006	.008	.009	.011	.014	..	..	..	..	..	..	..	7,728	
49 D.	" "	.006	.007	.008	.010	.012	..	..	..	..	..	..	..	7,010	
50 A.	Apple Tree of Coast	.007	.010	.012	.018	.025	..	..	..	..	..	..	..	7,108	Not square.
50 B.	" "	.007	.009	.012	.018	.025	..	..	..	..	..	..	..	7,280	
50 C.	" "	.007	.008	.010	.012	.017	..	..	..	..	..	..	..	6,527	
50 D.	" "	.009	.014	.018	..	..	..	..	..	..	..	..	..	7,224	
51 A.	Apple Tree	.008	.010	.018	..	..	..	..	..	..	..	..	..	4,480	
51 B.	" "	.007	.009	.011	.014	..	..	..	..	..	..	..	..	5,093	
51 C.	" "	.008	.012	.028	..	..	..	..	..	..	..	..	..	6,110	
51 D.	Turpentine	.007	.009	.012	.014	.018	.021	..	..	..	..	..	..	4,020	
52 A.	Water Gum	.008	.009	.010	.012	.016	.025	..	..	..	..	..	..	7,840	
52 B.	" "	.012	.016	.024	.030	..	..	..	..	..	..	..	..	7,810	
52 C.	" "	.005	.007	.008	.010	.014	..	..	..	..	..	..	..	6,880	
52 D.	" "	.005	.007	.011	.016	.020	..	..	..	..	..	..	..	7,488	
53 A.	Hickory	.004	.006	.008	.010	.014	..	..	..	..	..	..	..	6,992	
53 B.	" "	.006	.007	.008	.010	.017	..	..	..	..	..	..	..	6,608	
53 C.	" "	.003	.007	.008	.010	.020	..	..	..	..	..	..	..	7,084	
53 D.	" "	.006	.007	.008	.010	.016	..	..	..	..	..	..	..	6,720	
54 A.	Prickly Tea Tree	.007	.010	.012	.014	..	..	..	..	..	..	..	..	6,384	
54 B.	" "	.007	.009	.012	.015	..	..	..	..	..	..	..	..	6,336	
54 C.	Common Tea Tree	.007	.009	.012	.015	..	..	..	..	..	..	..	..	6,384	
54 D.	" "	.007	.009	.013	..	..	..	..	..	..	..	..	..	6,384	
54 E.	" "	.006	.008	.010	.014	..	..	..	..	..	..	..	..	6,112	

Not good; defective.  
[Sawn timber.]

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of											Crushing Weight in Pounds.	REMARKS.	
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.			lbs. 14,560.
NEW SOUTH WALES, S.															
64 A.	Broad-leaved Tea Tree -	*003	*007	*008	*009	*010	*013	..	..	..	..	..	..	..	8,708
64 B.	"	*003	*005	*003	*008	*009	*012	*017	..	..	..	..	..	..	9,240
70 A.	Myrtle -	*004	*005	*007	*008	*010	*016	..	..	..	..	..	..	..	7,896
70 B.	"	*003	*008	*010	*012	*015	*019	..	..	..	..	..	..	..	8,680
84 A.	Black Wattle of Illawarra.	*006	*008	*010	*012	*015	*018	..	..	..	..	..	..	..	8,736
84 B.	"	*006	*008	*009	*011	*013	*018	..	..	..	..	..	..	..	8,178
105 A.	River or White Oak -	*003	*008	*009	*010	*013	*016	*028	..	..	..	..	..	..	9,296
105 B.	"	*003	*007	*009	*012	*016	..	..	..	..	..	..	..	..	7,280
108 A.	Beech, Brush Cherry -	*005	*008	*011	*020	..	..	..	..	..	..	..	..	..	5,880
108 B.	"	*007	*008	*011	*019	..	..	..	..	..	..	..	..	..	5,740
120 A.	Teak Wood -	*005	*008	*013	..	..	..	..	..	..	..	..	..	..	4,816
120 B.	"	*005	*010	..	..	..	..	..	..	..	..	..	..	..	4,258
125 A.	Maiden's Blush, Ladies' Blush.	*012	..	..	..	..	..	..	..	..	..	..	..	..	3,340
125 B.	"	*007	*012	..	..	..	..	..	..	..	..	..	..	..	3,693
125 C.	"	*005	*009	..	..	..	..	..	..	..	..	..	..	..	4,008
125 D.	"	*008	*011	..	..	..	..	..	..	..	..	..	..	..	4,032
127 A.	Tamarind Tree -	*005	*006	*008	*010	..	..	..	..	..	..	..	..	..	6,468
136 A.	White Maple -	..	..	..	..	..	..	..	..	..	..	..	..	..	..
136 B.	"	*010	*014	..	..	..	..	..	..	..	..	..	..	..	4,258
136 C.	"	*008	*013	..	..	..	..	..	..	..	..	..	..	..	4,340
136 D.	"	*006	*009	*013	..	..	..	..	..	..	..	..	..	..	4,704
137 A.	"	*003	*009	*012	*017	..	..	..	..	..	..	..	..	..	6,468
137 B.	"	*003	*008	*010	*013	*018	..	..	..	..	..	..	..	..	7,308
139 A.	White Myrtle, Blue Ash, Ash.	*007	*014	..	..	..	..	..	..	..	..	..	..	..	3,472
140 A.	Light Wood, Leather Jacket, Couch Wood.	*009	*010	*014	..	..	..	..	..	..	..	..	..	..	5,152
140 B.	"	*007	*010	*015	..	..	..	..	..	..	..	..	..	..	5,376

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.	
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.			lbs. 15,680.
NEW SOUTH WALES, S.																
154 A.	Red Ash, Leather Jacket, Cooper's Wood.	.009	.011	.014	.016	.018	.021	.028	..	..	..	..	..	..	..	8,960
154 B.	"	.008	.010	.012	.014	.018	..	..	..	..	..	..	..	..	..	7,504
155 A.	"	.008	.008	.010	.017	..	..	..	..	..	..	..	..	..	..	5,912
155 B.	"	.008	.008	.009	.012	..	..	..	..	..	..	..	..	..	..	6,018
171 A.	White Beech, Beech	.016	..	..	..	..	..	..	..	..	..	..	..	..	..	3,304
171 B.	"	.008	.014	..	..	..	..	..	..	..	..	..	..	..	..	3,640
171 C.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3,136
171 D.	"	.013	.018	..	..	..	..	..	..	..	..	..	..	..	..	4,116
177 A.	Mountain Ash	.007	.009	.011	.014	..	..	..	..	..	..	..	..	..	..	6,272
177 B.	"	.006	.008	.010	.013	..	..	..	..	..	..	..	..	..	..	6,272
177 C.	"	.006	.008	.009	.011	.016	..	..	..	..	..	..	..	..	..	7,000
177 D.	"	.005	.007	.009	.013	..	..	..	..	..	..	..	..	..	..	6,160
-- A.	Spoke of a wheel	.004	.005	.008	.009	.011	.013	.016	.021	..	..	..	..	..	..	10,136
NEW SOUTH WALES, HUNTER RIVER.																
1 A.	Blue Gum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3 A.	Grey Gum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5 A.	Iron Bark	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6 B.	Mahogany	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7 A.	Tea Tree	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7 Ag.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8 A.	Iron Bark	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9 A.	Blue Gum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9 A.	Pine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
No experiments.																

No experiments.



TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.	
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.			lbs. 15,680.
QUEENSLAND.																
14 B.	"	.010	.014	.019	..	..	..	..	..	..	..	..	..	..	..	..
15 A.	"Silky Oak"	.009	.014	.019	..	..	..	..	..	..	..	..	..	..	..	5,040
15 B.	"	.009	.014	.019	..	..	..	..	..	..	..	..	..	..	..	4,143
15 Aa.	"	.006	.007	.011	..	..	..	..	..	..	..	..	..	..	..	4,816
15 Ab.	"	.008	.012	..	..	..	..	..	..	..	..	..	..	..	..	3,920
16 A.	"Beef Wood"	.007	..	..	..	..	..	..	..	..	..	..	..	..	..	3,273
16 B.	"	.008	.013	..	..	..	..	..	..	..	..	..	..	..	..	3,300
16 Aa.	"	.015	..	..	..	..	..	..	..	..	..	..	..	..	..	3,220
16 Ab.	"	.010	..	..	..	..	..	..	..	..	..	..	..	..	..	3,276
17 A.	"Tulip Tree"	.007	.010	.012	.015	.010	..	..	..	..	..	..	..	..	..	6,100
17 B.	"	.006	.007	.009	.013	..	..	..	..	..	..	..	..	..	..	5,000
17 Aa.	"	.008	.010	.013	.019	..	..	..	..	..	..	..	..	..	..	7,892
17 Ab.	"	.005	.006	.008	.010	.012	..	..	..	..	..	..	..	..	..	8,276
18 A.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7,560
18 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—
19 A.	"Light Wood"	.006	.007	.008	.010	.014	..	..	..	..	..	..	..	..	..	7,252
19 B.	"	.007	.008	.010	.013	.017	..	..	..	..	..	..	..	..	..	7,186
19 Aa.	"	.006	.008	.011	.014	..	..	..	..	..	..	..	..	..	..	6,664
19 Ab.	"	.005	.007	.008	.010	.012	.015	..	..	..	..	..	..	..	..	8,748
20 A.	"Callum"	.004	.005	.007	.008	.009	.010	.012	.014	.016	..	..	..	..	..	11,632
20 B.	"	.005	.006	.007	.008	.010	.011	.013	.014	..	..	..	..	..	..	12,046
20 Aa.	"	.005	.008	.010	..	..	..	..	..	..	..	..	..	..	..	5,373
20 Ab.	"	.009	.011	.014	.018	..	..	..	..	..	..	..	..	..	..	6,018
20 Ba.	"	.006	.007	.009	..	..	..	..	..	..	..	..	..	..	..	5,216
20 Bb.	"	.008	.010	.014	..	..	..	..	..	..	..	..	..	..	..	5,432
20 Bc.	"	.005	.007	.010	..	..	..	..	..	..	..	..	..	..	..	5,432
21 A.	"Cabbage Tree"	.009	.007	.010	..	..	..	..	..	..	..	..	..	..	..	5,740
21 B.	"	.009	.014	.022	..	..	..	..	..	..	..	..	..	..	..	8,400
22 A.	"Mountain Ash"	.007	.009	.013	.021	..	..	..	..	..	..	..	..	..	..	8,708
23 A.	"	.007	.008	.010	.012	.014	.018	..	..	..	..	..	..	..	..	8,213
23 B.	"	.007	.010	.018	.025	.030	.039	..	..	..	..	..	..	..	..	11,172
23 Aa.	"	.008	.010	.012	.014	.017	.020	..	..	..	..	..	..	..	..	8,432
23 Ab.	"	.007	.009	.012	.015	.018	.022	.025	.030	..	..	..	..	..	..	8,432
24 A.	"Broad-leaved Cherry"	.005	.006	.008	.009	.011	.014	..	..	..	..	..	..	..	..	—
24 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—

Symptoms of dry rot.

Good.

Dry rot.

Not square.

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
QUEENSLAND.																	
24 Aa.	Broad-leaved Cherry	•005	•007	•008	•010	•012	•014	•022	..	..	..	..	..	..	..	8873	
24 Ab.	"	•006	•007	•008	•010	•011	•015	..	..	..	..	..	..	..	..	9322	
25 A.	Cherry	•008	•010	•014	•022	..	..	..	..	..	..	..	..	..	..	5008	
25 B.	"	•010	•015	•022	..	..	..	..	..	..	..	..	..	..	..	5554	
25 Aa.	"	•008	•010	•014	..	..	..	..	..	..	..	..	..	..	..	5232	
25 Ba.	"	•007	•009	•013	..	..	..	..	..	..	..	..	..	..	..	4368	
28 A.	Mangrove	•008	•012	..	..	..	..	..	..	..	..	..	..	..	..	5003	
28 B.	"	•008	•011	•018	..	..	..	..	..	..	..	..	..	..	..	4144	
28 Aa.	"	•008	•013	..	..	..	..	..	..	..	..	..	..	..	..	4396	
28 Ab.	"	•008	•010	..	..	..	..	..	..	..	..	..	..	..	..	7803	
29 A.	Lignum Vitæ	•008	•010	•013	•015	•018	•010	..	..	..	..	..	..	..	..	8204	
29 B.	"	•005	•005	•006	•008	•010	•010	..	..	..	..	..	..	..	..	7728	
29 Aa.	"	•005	•007	•009	•012	•015	..	..	..	..	..	..	..	..	..	7616	
29 Ab.	"	•006	•008	•010	•012	•015	..	..	..	..	..	..	..	..	..	4256	
30 A.	Beech	•003	•013	..	..	..	..	..	..	..	..	..	..	..	..	4648	
30 B.	"	•008	•010	•016	..	..	..	..	..	..	..	..	..	..	..	4816	
30 Aa.	"	•009	•012	•016	..	..	..	..	..	..	..	..	..	..	..	4806	
30 Ab.	"	•009	•011	•024	..	..	..	..	..	..	..	..	..	..	..	4144	
31 A.	White Cedar	•007	•009	..	..	..	..	..	..	..	..	..	..	..	..	4028	
31 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4704	
31 Aa.	"	•009	•012	•019	..	..	..	..	..	..	..	..	..	..	..	78065	
31 Ab.	"	•005	•006	•007	•009	•010	..	..	..	..	..	..	..	..	..	6888	
32 A.	Plum Tree	•004	•007	•008	•012	•022	..	..	..	..	..	..	..	..	..	6048	
32 B.	"	•004	•007	•009	•012	..	..	..	..	..	..	..	..	..	..	5432	
32 Aa.	"	•005	•007	•010	..	..	..	..	..	..	..	..	..	..	..	6048	
32 Ab.	"	•008	•010	•013	•020	..	..	..	..	..	..	..	..	..	..	5768	
33 A.	Rosewood	•006	•008	•010	•015	..	..	..	..	..	..	..	..	..	..	5320	
33 B.	"	•008	•010	•015	..	..	..	..	..	..	..	..	..	..	..	5861	
33 Aa.	"	•004	•006	•008	•013	..	..	..	..	..	..	..	..	..	..	8240	
33 Ab.	"	•005	•007	•009	•010	•012	•016	..	..	..	..	..	..	..	..	8512	
34 A.	Dark Yellow Wood	•007	•009	•011	•013	•015	•018	..	..	..	..	..	..	..	..	8512	
35 A.	Cugerie	•005	•007	•008	•011	..	..	..	..	..	..	..	..	..	..	6384	

Dry rot.

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.		
QUEENSLAND.															
35 B.	Cugerie	.007	.010	.015	..	..	..	..	..	..	..	..	..	..	5,820
35 Aa.	"	.007	.008	.011	..	..	..	..	..	..	..	..	..	..	5,264
35 Ab.	"	.007	.009	.012	..	..	..	..	..	..	..	..	..	..	5,348
36 A.	"	.005	.007	.008	.010	.011	.014	..	..	..	..	..	..	..	8,848
36 B.	"	.014	.025	.038	.048	.058	..	..	..	..	..	..	..	..	7,336
36 Aa.	"	.005	.008	.008	.009	.011	.013	.018	..	..	..	..	..	..	8,288
36 Ab.	"	.004	.006	.007	.008	.010	.014	..	..	..	..	..	..	..	2,576
37 A.	"	.018	..	..	..	..	..	..	..	..	..	..	..	..	5,486
37 B.	"	.006	.007	.010	.016	..	..	..	..	..	..	..	..	..	2,468
37 Aa.	"	.006	..	..	..	..	..	..	..	..	..	..	..	..	3,892
38 A.	Grey Plum	.008	.013	..	..	..	..	..	..	..	..	..	..	..	4,124
38 B.	"	.007	.009	.010	.017	..	..	..	..	..	..	..	..	..	4,760
38 Aa.	"	.017	.023	.030	..	..	..	..	..	..	..	..	..	..	5,040
39 A.	Sassafras	.008	.012	.019	..	..	..	..	..	..	..	..	..	..	5,000
39 B.	"	.008	.016	.014	..	..	..	..	..	..	..	..	..	..	1,284
39 Aa.	"	.009	.014	..	..	..	..	..	..	..	..	..	..	..	1,144
39 Ab.	"	.010	.014	..	..	..	..	..	..	..	..	..	..	..	4,972
40 A.	"	.018	.011	.014	.019	.027	..	..	..	..	..	..	..	..	7,448
40 B.	"	.005	.006	.008	.010	.012	..	..	..	..	..	..	..	..	9,500
40 Aa.	"	.005	.003	.008	.009	.010	.013	.018	..	..	..	..	..	..	7,504
40 Ab.	"	.004	.006	.007	.009	.013	..	..	..	..	..	..	..	..	5,620
41 A.	"	.007	.010	.015	.024	..	..	..	..	..	..	..	..	..	6,148
41 B.	"	.005	.007	.010	.017	..	..	..	..	..	..	..	..	..	3,920
43 A.	Tamarind Tree	.007	.012	..	..	..	..	..	..	..	..	..	..	..	4,984
43 B.	"	.008	.008	.012	..	..	..	..	..	..	..	..	..	..	8,096
45 A.	"	.006	.006	..	..	..	..	..	..	..	..	..	..	..	15,944
45 B.	"	.006	.008	..	..	..	..	..	..	..	..	..	..	..	16,444
44 A.	Yellow Wood	.008	.007	.008	.010	.012	.020	..	..	..	..	..	..	..	6,424
44 B.	"	.008	.008	.010	.012	.021	..	..	..	..	..	..	..	..	9,224
44 Aa.	"	.002	.008	.007	.012	.018	.040	..	..	..	..	..	..	..	6,328
44 Ab.	"	.002	.004	.007	.009	.018	.040	..	..	..	..	..	..	..	6,328
45 A.	"	.008	.010	.014	.024	..	..	..	..	..	..	..	..	..	..

Dry rot.

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.		
45 B.	QUEENSLAND.	•007	•009	•011	•014	..	..	..	..	..	..	..	..	6,552	Dry rot.
45 Aa.		•005	•007	•010	•012	..	..	..	..	..	..	..	..	6,720	
45 Bb.		•007	•009	•011	•011	•020	..	..	..	..	..	..	..	7,168	
46 A.		•007	•009	•011	•021	..	..	..	..	..	..	..	..	5,992	
46 B.		•007	•008	•010	•015	..	..	..	..	..	..	..	..	6,948	
46 Aa.		•008	•011	•014	•018	..	..	..	..	..	..	..	..	—	
46 Bb.		..	..	..	..	..	..	..	..	..	..	..	..	4,928	
47 A.		•010	•014	•022	..	..	..	..	..	..	..	..	..	6,381	
47 B.		•008	•009	•012	•016	..	..	..	..	..	..	..	..	5,541	
47 Aa.		•008	•010	•012	..	..	..	..	..	..	..	..	..	6,900	
47 Ab.		•006	•008	•010	•013	•015	..	..	..	..	..	..	..	7,243	
48 A.		•006	•007	•009	•011	•031	..	..	..	..	..	..	..	7,420	
48 B.		•011	•015	•020	•023	•031	..	..	..	..	..	..	..	8,316	
48 Aa.		•005	•007	•008	•010	•013	•018	..	..	..	..	..	..	9,320	
48 Ab.		•005	•006	•008	•009	•010	•013	•017	..	..	..	..	..	7,892	
49 A.		•003	•004	•008	•010	•019	•021	..	..	..	..	..	..	7,755	
49 B.		•003	•008	•012	•020	•021	..	..	..	..	..	..	..	7,280	
49 Aa.		•003	•008	•010	•013	•020	..	..	..	..	..	..	..	3,976	Dry rot; shaky.
49 Ab.		•003	•006	•008	•008	•010	•021	..	..	..	..	..	..	6,216	
50 A.		•010	•014	•018	•015	..	..	..	..	..	..	..	..	5,600	
50 B.		•007	•009	•011	..	..	..	..	..	..	..	..	..	5,953	
50 Aa.		•007	•009	•011	•028	..	..	..	..	..	..	..	..	6,020	
51 Ab.		•010	•014	•019	•028	..	..	..	..	..	..	..	..	4,844	
51 A.		•005	•007	•008	•012	..	..	..	..	..	..	..	..	5,644	
51 B.		•007	•009	•014	..	..	..	..	..	..	..	..	..	4,928	
52 A.		•005	•007	•010	..	..	..	..	..	..	..	..	..	5,880	
52 B.		•008	•010	•018	..	..	..	..	..	..	..	..	..	6,328	
52 Aa.	Lime	•005	•007	•009	•016	..	..	..	..	..	..	..	..	7,252	Little dry rot.
52 Ab.		•004	•006	•008	•012	..	..	..	..	..	..	..	..	7,953	
53 A.		•005	•007	•009	•011	•016	..	..	..	..	..	..	..	6,493	
53 B.		•007	•008	•010	•013	•018	..	..	..	..	..	..	..	5,880	
53 Aa.	Lime	•007	•008	•010	•013	..	..	..	..	..	..	..	..	..	
53 Ab.		•007	•009	•012	•018	..	..	..	..	..	..	..	..	..	

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.		
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.			lbs. 13,440.	lbs. 14,560.
QUEENSLAND.															
54 A.	-	.007	.009	.010	.014	..	..	..	..	..	..	..	..	..	638½
54 B.	-	.006	.008	.011	..	..	..	..	..	..	..	..	..	..	5,320
54 C.	-	.005	.008	.010	.012	.017	..	..	..	..	..	..	..	..	6,800
54 A.	-	.004	.006	.007	.009	.012	..	..	..	..	..	..	..	..	7,302
55 A.	-	.006	.008	.011	.015	..	..	..	..	..	..	..	..	..	6,384
55 B.	-	.003	.007	.009	.011	.018	..	..	..	..	..	..	..	..	7,055
55 A.	-	.008	.012	.014	.020	..	..	..	..	..	..	..	..	..	6,020
55 V.	-	.003	.009	.012	.020	..	..	..	..	..	..	..	..	..	5,880
56 A.	-	.010	.017	..	..	..	..	..	..	..	..	..	..	..	3,752
56 B.	-	.005	.008	.008	.015	..	..	..	..	..	..	..	..	..	4,180
56 C.	-	.005	.007	.008	.015	..	..	..	..	..	..	..	..	..	5,000
57 A.	Ironwood	.009	.013	.016	.021	.026	..	..	..	..	..	..	..	..	4,250
57 B.	-	.002	.005	.004	.006	.007	.009	.012	..	..	..	..	..	..	7,574
58 A.	Myrtle	.001	.003	.008	.009	.012	.024	..	..	..	..	..	..	..	9,802
58 B.	-	.006	.009	.009	.010	.013	.017	..	..	..	..	..	..	..	7,808
58 A.	-	.003	.007	.009	.010	.014	.019	..	..	..	..	..	..	..	8,288
59 A.	-	.003	.008	.010	.014	..	..	..	..	..	..	..	..	..	6,450
59 B.	-	.008	.011	.014	.024	..	..	..	..	..	..	..	..	..	5,055
59 C.	-	.004	.006	.008	.016	..	..	..	..	..	..	..	..	..	5,824
59 V.	-	.010	.014	.021	..	..	..	..	..	..	..	..	..	..	4,928
60 A.	-	.004	.005	.008	.011	..	..	..	..	..	..	..	..	..	6,244
60 B.	-	.007	.009	.014	.027	..	..	..	..	..	..	..	..	..	6,188
61 A.	N. O. Myrtaceae	.008	.010	.012	.015	..	..	..	..	..	..	..	..	..	6,008
61 B.	-	.012	.014	.016	.018	.021	.026	..	..	..	..	..	..	..	5,568
61 A.	-	.009	.012	.015	.018	.021	.028	..	..	..	..	..	..	..	8,754
61 V.	-	.005	.008	.008	.009	.011	.014	.021	..	..	..	..	..	..	9,552
62 A.	Box	.008	.012	..	..	..	..	..	..	..	..	..	..	..	6,492
62 B.	-	.005	.012	.021	..	..	..	..	..	..	..	..	..	..	4,684
62 A.	-	.014	.018	..	..	..	..	..	..	..	..	..	..	..	3,900
62 B.	-	.003	.008	.011	.025	..	..	..	..	..	..	..	..	..	5,798
63 A.	Black Iron Bark	.004	.005	.007	.008	.009	.012	.017	..	..	..	..	..	..	10,072
Defective: worm-hole.															

Defective: worm-hole.



TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of															Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.			
QUEENSLAND.																		
71 A.	Swamp Mahogany	.005	.007	.008	.010	.012	.014	.016	.019	..	..	..	..	..	..	10,612		
72 A.	Woolly Butt	.005	.006	.008	.009	.010	.012	.013	.015	..	..	..	..	..	..	9,800		
72 B.	"	.006	.010	.012	.014	.016	.019	.022	.028	..	..	..	..	..	..	10,528		
72 A.	"	.006	.008	.009	.010	.012	.014	.020	..	..	..	..	..	..	..	9,168		
72 A.	Blue Gum	.010	.014	.016	.018	.022	.023	.030	..	..	..	..	..	..	..	10,024		
73 A.	"	.006	.008	.010	.013	.019	..	..	..	..	..	..	..	..	..	7,656		
73 B.	"	.006	.007	.008	.010	.012	..	..	..	..	..	..	..	..	..	7,784		
73 A.	"	.004	.006	.007	.009	.012	.017	..	..	..	..	..	..	..	..	8,244		
73 B.	"	.006	.008	.010	.012	.014	..	..	..	..	..	..	..	..	..	7,728		
76 A.	Prickly-leaved Tea Tree	.007	.009	.010	.012	.014	..	..	..	..	..	..	..	..	..	4,632		
76 B.	"	.009	.015	..	..	..	..	..	..	..	..	..	..	..	..	4,984		
76 A.	"	.007	.010	.013	..	..	..	..	..	..	..	..	..	..	..	5,124		
76 A.	"	.008	.010	.013	..	..	..	..	..	..	..	..	..	..	..	5,488		
77 A.	Bread-leaved Tea Tree	.006	.008	.010	..	..	..	..	..	..	..	..	..	..	..	5,202		
77 B.	"	.008	.012	.019	..	..	..	..	..	..	..	..	..	..	..	6,160		
79 A.	Common Tea Tree	.007	.010	.012	.018	..	..	..	..	..	..	..	..	..	..	6,104		
79 B.	"	.012	.016	.020	.028	..	..	..	..	..	..	..	..	..	..	6,140		
79 A.	"	.004	.011	.014	.018	..	..	..	..	..	..	..	..	..	..	6,188		
79 A.	"	.006	.008	.011	.014	..	..	..	..	..	..	..	..	..	..	6,188		
80 A.	Bottle Brush Tree	.006	.008	.010	.012	..	..	..	..	..	..	..	..	..	..	5,880		
80 B.	"	.006	.009	.011	.014	..	..	..	..	..	..	..	..	..	..	5,488		
80 A.	"	.006	.011	.015	.024	..	..	..	..	..	..	..	..	..	..	6,160		
80 B.	"	.007	.010	.013	.022	..	..	..	..	..	..	..	..	..	..	6,160		
81 A.	"	.007	.012	.016	.022	..	..	..	..	..	..	..	..	..	..	6,160		
81 B.	"	.008	.008	.010	.013	.016	.018	.022	.026	..	..	..	..	..	..	7,896	Dry rot.	
81 A.	"	.007	.012	.016	.022	..	..	..	..	..	..	..	..	..	..	7,728	Do.	
81 A.	"	.008	.010	.013	.017	.024	..	..	..	..	..	..	..	..	..	7,140	Large symptoms of dry rot.	
82 A.	"	.008	.010	.013	.017	..	..	..	..	..	..	..	..	..	..	6,296	Dry rot.	
82 B.	"	.007	.009	.012	..	..	..	..	..	..	..	..	..	..	..	5,576	Do.	
82 B.	"	.007	.009	.012	..	..	..	..	..	..	..	..	..	..	..	6,216	Do.	
83 A.	"	.008	.010	.013	.017	..	..	..	..	..	..	..	..	..	..	7,256		
83 A.	Satin Wood	.006	.007	.008	.010	.012	..	..	..	..	..	..	..	..	..	6,296		

Dry rot.  
Do.  
Large symptoms of dry rot.

Dry rot.  
Do.  
Do.

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.	
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.			lbs. 15,680.
QUEENSLAND.																
84 B.	Satin Wood	.005	.006	.008	.009	.012	..	..	..	..	..	..	..	..	7,280	Symptoms of dry rot.
84 Aa.	"	.006	.008	.010	.016	..	..	..	..	..	..	..	..	..	5,824	
84 Ab.	"	.006	.008	.010	.014	..	..	..	..	..	..	..	..	..	6,132	
86 A.	"	.007	.010	.014	..	..	..	..	..	..	..	..	..	..	4,984	Dry rot.
86 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
87 A.	Leichhardt's Wood	.008	.014	..	..	..	..	..	..	..	..	..	..	..	3,752	Do.
87 B.	"	.009	.014	..	..	..	..	..	..	..	..	..	..	..	3,752	
88 A.	"	.005	.005	.010	.012	.016	..	..	..	..	..	..	..	..	7,616	Dry rot.
88 B.	"	.005	.005	.008	.009	.010	.013	..	..	..	..	..	..	..	8,540	
88 Aa.	"	.004	.005	.007	.008	.010	.020	..	..	..	..	..	..	..	8,004	
88 Ab.	"	.007	.008	.010	.012	.014	.023	..	..	..	..	..	..	..	8,008	Dry rot.
89 A.	"	.009	.013	.018	.030	..	..	..	..	..	..	..	..	..	5,880	
89 B.	"	.005	.007	.010	.016	..	..	..	..	..	..	..	..	..	6,436	
90 A.	N. O. Pittsaporace	.007	.008	.010	.018	.020	..	..	..	..	..	..	..	..	9,380	Dry rot.
90 B.	"	.008	.008	.010	.018	.020	..	..	..	..	..	..	..	..	9,744	
91 A.	Crab Tree	.005	.007	.008	.010	.012	.015	.024	..	..	..	..	..	..	3,920	
91 B.	"	.003	.005	.010	.011	.014	.017	.042	..	..	..	..	..	..	—	Little dry rot.
92 A.	"	.009	.017	..	..	..	..	..	..	..	..	..	..	..	—	
92 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
92 Aa.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	3,220	Dry rot.
92 Ab.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	5,232	
92 Ba.	"	.016	..	..	..	..	..	..	..	..	..	..	..	..	5,012	
92 Bb.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	3,002	Dry rot.
93 A.	"	.006	.008	.010	..	..	..	..	..	..	..	..	..	..	6,384	
93 B.	"	.007	.009	.013	.019	..	..	..	..	..	..	..	..	..	7,868	
93 Aa.	"	.009	.011	.014	.019	..	..	..	..	..	..	..	..	..	—	No experiments.
93 Ab.	"	.007	.008	.010	.014	..	..	..	..	..	..	..	..	..	—	
94 A.	Silver Tree	.004	.006	.008	.010	.013	.021	..	..	..	..	..	..	..	—	
94 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	8,064	No experiments.
95 A.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
95 B.	"	.005	.007	.008	.010	.012	.017	..	..	..	..	..	..	..	8,044	
97 A.	"	.001	.005	.008	.110	.012	.019	..	..	..	..	..	..	..	7,840	No experiments.
97 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
97 C.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
97 D.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	—	



TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.		
QUEENSLAND.															
109 B.	"	·005	·003	·008	·009	·011	·014	·017	..	..	..	..	..	..	9,632
109 A.	"	·006	·008	·010	·011	·013	·017	..	..	..	..	..	..	..	8,024
109 A.	"	·004	·005	·003	·008	·009	·013	..	..	..	..	..	..	..	8,568
110 A.	"	·008	·010	·012	·014	·016	·020	..	..	..	..	..	..	..	8,848
110 A.	"	·009	·009	·012	·015	·020	·028	..	..	..	..	..	..	..	8,512
110 A.	"	·009	·013	·016	·020	·025	·035	..	..	..	..	..	..	..	7,016
110 A.	"	·005	·005	·008	·009	·011	·015	..	..	..	..	..	..	..	8,306
111 A.	"	·008	·008	·010	·012	·014	·016	·020	..	..	..	..	..	..	8,204
111 B.	"	·005	·006	·008	·010	·012	·022	..	..	..	..	..	..	..	7,952
111 A.	"	·004	·006	·007	·008	·010	..	..	..	..	..	..	..	..	7,728
112 A.	"	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	5,488
112 A.	"	·008	·011	·016	..	..	..	..	..	..	..	..	..	..	5,152
113 A.	Mangrove	·007	·008	·010	·014	·036	..	..	..	..	..	..	..	..	6,720
113 B.	"	·012	·016	·020	·026	·035	..	..	..	..	..	..	..	..	6,384
113 A.	"	·011	·015	·020	·025	·035	..	..	..	..	..	..	..	..	7,024
113 A.	"	·008	·010	·012	·015	·022	..	..	..	..	..	..	..	..	7,024
114 A.	"	·007	·010	·016	..	..	..	..	..	..	..	..	..	..	4,816
114 A.	"	·004	·008	·012	·008	·010	..	..	..	..	..	..	..	..	5,544
115 B.	"	·001	·005	·006	·007	·009	·010	·011	·012	·014	·016	..	..	..	12,768
115 A.	"	·001	·006	·007	·008	·009	·010	·012	·014	..	..	..	..	..	11,200
115 B.	"	·004	·006	·007	·008	..	..	..	..	..	..	..	..	..	5,208
116 A.	"	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	4,928
116 B.	"	·004	·008	·013	..	..	..	..	..	..	..	..	..	..	9,812
117 A.	Rosewood	·003	·006	·007	·008	·010	·012	·015	·016	..	..	..	..	..	11,308
117 B.	"	·004	·006	·007	·008	·009	·010	·011	·013	·016	..	..	..	..	8,932
117 A.	"	·003	·007	·008	·009	·011	·013	..	..	..	..	..	..	..	9,744
117 A.	"	·005	·007	·008	·010	·012	·015	·020	..	..	..	..	..	..	4,340
117 B.	"	·005	·009	..	..	..	..	..	..	..	..	..	..	..	4,200
118 A.	"	·007	·010	..	..	..	..	..	..	..	..	..	..	..	6,008
118 B.	"	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	6,384
118 A.	"	·008	·010	·013	·016	..	..	..	..	..	..	..	..	..	12,000
120 A.	"	·006	·007	·009	·010	·012	·014	·016	·020	·028	..	..	..	..	12,000
120 B.	"	·005	·007	·009	·010	..	..	..	..	..	..	..	..	..	—

Dry rot.  
Symptoms of dry rot.  
Dry rot.  
Do.

Dry rot.  
Dry rot.  
Do.

Dry rot.

Good.

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		Lbs. 2,240.	Lbs. 3,360.	Lbs. 4,480.	Lbs. 5,600.	Lbs. 6,720.	Lbs. 7,840.	Lbs. 8,960.	Lbs. 10,080.	Lbs. 11,200.	Lbs. 12,320.	Lbs. 13,440.	Lbs. 14,560.		
QUEENSLAND.															
121 A.	Weeping Myall	.004	.008	.007	.008	.009	.010	.012	.014	.016	.020	..	..	..	13,048
121 B.	"	.003	.008	.009	.011	.013	.015	.017	.020	.024	.029	..	..	..	12,790
121 Aa.	"	.006	.007	.008	.009	.010	.012	.013	.014	.016	.018	..	..	..	13,440
121 Ab.	"	.005	.007	.008	.009	.010	.012	.014	.015	.016	.018	..	..	..	13,412
122 A.	Bricklow	.006	.008	.009	.011	.013	.018	.020	..	..	..	..	..	..	9,803
122 B.	"	.004	.005	.007	.008	.009	.010	.012	.015	..	..	..	..	..	10,864
122 Aa.	"	.005	.006	.008	.009	.010	.011	.012	.013	.014	.016	..	..	..	13,104
122 Ab.	"	.005	.006	.007	.008	.010	.011	.013	.015	.018	..	..	..	..	11,990
123 A.	"	.004	.006	.007	.008	.010	.011	.013	..	..	..	..	..	..	8,721
123 B.	"	.005	.006	.008	.009	.011	.015	..	..	..	..	..	..	..	8,512
RUSSIA.															
1 A.	Riga Fir	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1 C.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1 D.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 A.	Larch	..	..	..	.020	..	..	..	..	..	..	..	..	..	5,022
3 A.	"	.005	.008	.010	.014	..	..	..	..	..	..	..	..	..	6,246
4 A.	"	.005	.007	.009	.010	..	..	..	..	..	..	..	..	..	6,160
4 B.	"	.005	.007	.008	.012	..	..	..	..	..	..	..	..	..	6,002
5 A.	"	.006	.007	.009	.012	..	..	..	..	..	..	..	..	..	6,085
5 B.	"	.005	.007	.008	.012	..	..	..	..	..	..	..	..	..	6,069
6 A.	Russ Oak	.007	.009	.010	..	..	..	..	..	..	..	..	..	..	4,000
6 B.	"	.006	.008	.010	..	..	..	..	..	..	..	..	..	..	4,788
6 C.	"	.006	.008	.012	..	..	..	..	..	..	..	..	..	..	2,280
6 D.	"	.008	..	..	..	..	..	..	..	..	..	..	..	..	3,480

Not square.

TABLE IV.—continued.

[illegible]

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
TASMANIA.																	
97 B.	White Gum	.005	.006	.008	.010	..	..	..	..	..	..	..	..	..	..	6,645	
97 C.	"	.003	.008	.011	..	..	..	..	..	..	..	..	..	..	..	5,372	
97 D.	"	.005	.007	.009	..	..	..	..	..	..	..	..	..	..	..	5,321	
162 A.	B. C. D.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
116 A.	Blue Gum	.006	.008	.010	.012	.016	..	..	..	..	..	..	..	..	..	6,608	
116 B.	"	.007	.009	.012	.016	..	..	..	..	..	..	..	..	..	..	6,580	
116 C.	"	.005	.007	.008	.010	.012	.020	..	..	..	..	..	..	..	..	7,952	
116 D.	"	.006	.007	.009	.011	.016	..	..	..	..	..	..	..	..	..	7,448	
367 A.	Iron Wood	.005	.007	.008	.010	.013	.018	..	..	..	..	..	..	..	..	8,363	
367 B.	"	.004	.005	.006	.008	.009	.012	..	..	..	..	..	..	..	..	8,820	
367 C.	"	.005	.007	.008	.010	.012	.015	..	..	..	..	..	..	..	..	8,736	
367 D.	"	.003	.007	.009	.010	.014	.020	..	..	..	..	..	..	..	..	8,288	
369 A.	Tea Tree	.004	.005	.006	.008	.010	..	..	..	..	..	..	..	..	..	7,758	
369 B.	"	.003	.008	.010	.015	.015	.019	..	..	..	..	..	..	..	..	7,765	
369 C.	"	.005	.008	.010	.015	.015	.019	..	..	..	..	..	..	..	..	8,512	
369 D.	"	.006	.008	.009	.011	.014	.017	..	..	..	..	..	..	..	..	8,092	
371 A.	Stringy Bark	.004	.006	.007	.008	.010	.011	.013	.016	..	..	..	..	..	..	10,640	
371 B.	"	.003	.006	.007	.008	.009	.010	.013	.016	..	..	..	..	..	..	10,108	
371 C.	"	.003	.007	.008	.007	.008	.009	.010	.012	..	..	..	..	..	..	11,172	
372 A.	Blue Gum	.004	.006	.007	.008	.009	.010	.013	.016	..	..	..	..	..	..	10,528	
372 B.	"	.005	.006	.008	.009	.010	.013	.016	..	..	..	..	..	..	..	9,408	
372 C.	"	.004	.005	.007	.008	.010	..	..	..	..	..	..	..	..	..	7,728	
372 D.	"	.005	.006	.007	.008	.010	..	..	..	..	..	..	..	..	..	..	
373 A.	Stringy Bark	.005	.006	.007	.008	.010	.013	.016	..	..	..	..	..	..	..	8,661	
373 B.	"	.007	.008	.008	.009	.011	.014	..	..	..	..	..	..	..	..	8,512	
373 C.	"	.006	.007	.008	.007	.011	.014	..	..	..	..	..	..	..	..	8,400	
373 D.	"	.004	.006	.007	.008	.009	.012	..	..	..	..	..	..	..	..	8,764	
373 E.	"	.005	.006	.008	.010	.014	..	..	..	..	..	..	..	..	..	7,616	
373 F.	"	.003	.007	.008	.007	.010	.014	..	..	..	..	..	..	..	..	9,240	
373 G.	"	.004	.005	.007	.008	.010	..	..	..	..	..	..	..	..	..	7,728	
373 H.	"	.005	.006	.007	.008	.010	.012	..	..	..	..	..	..	..	..	7,728	
373 I.	"	.007	.008	.010	.013	.016	.022	..	..	..	..	..	..	..	..	7,758	
373 J.	"	.005	.007	.007	.008	.010	..	..	..	..	..	..	..	..	..	..	
373 K.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 L.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 M.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 N.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 O.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 P.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 Q.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 R.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 S.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 T.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 U.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 V.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 W.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 X.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 Y.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
373 Z.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

Decayed knot hole across one corner.

Damaged in cutting out.

Not quite square.





TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs.	Dis.	lbs.	Dis.	lbs.	Dis.	lbs.	Dis.	lbs.	Dis.	lbs.	Dis.		
		2,240.	3,340.	4,480.	5,600.	6,720.	7,840.	8,960.	10,080.	11,200.	12,320.	13,440.	14,560.	15,680.	16,800.
<b>TRINIDAD.</b>															
187 D.	Gommier -	.005	.007	.010	.010	.013	.024	..	..	..	..	..	..	5,544	
186 A.	Beef Wood	.005	.007	.008	.009	.011	.014	..	..	..	..	..	..	7,952	
198 A.	Laurel "	.005	.006	.008	.009	.020	..	..	..	..	..	..	..	8,848	
198 B.	"	.005	.010	.013	.020	..	..	..	..	..	..	..	..	9,576	
198 C.	"	.007	.008	.008	.010	..	..	..	..	..	..	..	..	5,843	
198 D.	"	.007	.009	.012	..	..	..	..	..	..	..	..	..	6,011	
200 A.	Laurier Cannelle	.006	.008	.009	.110	.013	.016	..	..	..	..	..	..	5,644	
200 B.	"	.003	.005	.006	.007	.008	.010	.012	..	..	..	..	..	8,876	
200 C.	"	.005	.007	.008	.009	.010	.012	.015	..	..	..	..	..	8,940	
200 D.	"	.004	.006	.008	.008	.010	.011	.014	..	..	..	..	..	9,744	
201 A.	Laurier Blanc	..	..	..	..	..	..	..	..	..	..	..	..	9,548	} No experiments.
201 B.	"	.007	.008	.010	.015	..	..	..	..	..	..	..	..	6,020	
201 C.	"	.006	.008	.009	.012	..	..	..	..	..	..	..	..	6,300	} No experiments.
201 A.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	
201 Ad.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	} No experiments.
201 Aa.	Laurier Blanc	.007	.008	.010	.013	..	..	..	..	..	..	..	..	5,964	
201 Ab.	"	.007	.009	.012	.017	..	..	..	..	..	..	..	..	5,824	} No experiments.
205 A.	Canturo "	..	..	..	..	..	..	..	..	..	..	..	..	..	
205 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	} No experiments.
205 C.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	
205 D.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	} Not quite square.
206 A.	Bois de Fer	.008	.011	.015	.025	..	..	..	..	..	..	..	..	5,656	
206 B.	"	.004	.007	.009	.012	.033	.048	..	..	..	..	..	..	7,168	
206 C.	"	.007	.012	.018	.025	..	..	..	..	..	..	..	..	7,880	
206 D.	"	.005	.010	..	..	..	..	..	..	..	..	..	..	4,256	
207 A.	Canto "	.004	.007	.007	.009	.016	..	..	..	..	..	..	..	6,869	
207 B.	"	.005	.007	.008	.010	.014	..	..	..	..	..	..	..	7,317	
207 C.	"	.006	.008	.010	.012	.016	..	..	..	..	..	..	..	7,448	} Not square or level. Badly cut.
207 D.	"	.014	.018	.022	.032	..	..	..	..	..	..	..	..	6,020	

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.	
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.			lbs. 15,680.
TRINIDAD.																
208 A.	Canto	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
208 B.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
208 C.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
208 D.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
212 A.	Balsam Capivi	.0063	.0008	.012	.019	.010	.012	.015	.012	.012	.012	.012	.012	.012	.012	.012
212 B.	"	.007	.009	.012	.019	.010	.012	.015	.012	.012	.012	.012	.012	.012	.012	.012
214 A.	Savonette Jaune	.004	.005	.007	.008	.008	.008	.008	.008	.009	.010	.012	.012	.012	.012	.012
214 B.	"	.003	.004	.005	.006	.006	.006	.006	.006	.008	.010	.012	.012	.012	.012	.012
214 C.	"	.005	.006	.007	.008	.008	.008	.008	.009	.010	.012	.012	.012	.012	.012	.012
214 D.	"	.004	.005	.006	.007	.007	.007	.007	.008	.010	.012	.012	.012	.012	.012	.012
216 A.	Purple Heart	.004	.005	.006	.007	.007	.007	.007	.008	.010	.012	.012	.012	.012	.012	.012
217 A.	Locust	.003	.004	.005	.006	.006	.006	.006	.008	.010	.012	.012	.012	.012	.012	.012
217 B.	"	.004	.005	.006	.007	.007	.007	.007	.008	.010	.012	.012	.012	.012	.012	.012
218 A.	Naranjillo Amarillo	.002	.003	.004	.005	.005	.005	.005	.007	.008	.010	.012	.012	.012	.012	.012
218 B.	"	.004	.005	.006	.007	.007	.007	.007	.008	.010	.012	.012	.012	.012	.012	.012
218 C.	"	.005	.007	.008	.010	.012	.012	.012	.012	.012	.012	.012	.012	.012	.012	.012
218 D.	"	.006	.007	.008	.010	.012	.012	.012	.012	.012	.012	.012	.012	.012	.012	.012
219 A.	Tamarind	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
219 B.	"	.006	.009	.013	.021	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013
219 C.	"	.003	.004	.005	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
219 D.	"	.003	.004	.005	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
220 A.	Cacao	.009	.013	.016	.021	.011	.013	.018	.018	.018	.018	.018	.018	.018	.018	.018
220 B.	"	.007	.009	.008	.009	.011	.013	.018	.018	.018	.018	.018	.018	.018	.018	.018
221 A.	Guatunary	.004	.005	.007	.007	.007	.007	.007	.008	.010	.012	.012	.012	.012	.012	.012
221 B.	"	.004	.006	.007	.008	.008	.008	.008	.009	.010	.012	.012	.012	.012	.012	.012
222 A.	Bois Mulatre	.004	.006	.007	.008	.011	.011	.011	.011	.011	.011	.011	.011	.011	.011	.011
222 B.	"	.004	.006	.007	.008	.011	.011	.011	.011	.011	.011	.011	.011	.011	.011	.011
222 C.	"	.005	.007	.008	.011	.011	.011	.011	.011	.011	.011	.011	.011	.011	.011	.011
222 D.	"	.005	.007	.008	.011	.011	.011	.011	.011	.011	.011	.011	.011	.011	.011	.011
225 A.	Angelin	.005	.006	.008	.010	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015
225 B.	"	.006	.008	.010	.012	.016	.016	.016	.016	.016	.016	.016	.016	.016	.016	.016

No experiments.

Went in twelve worms.  
holes. Not quite square.

No experiments.

Went in twelve work-  
hours. Not quite  
square.

TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.		
TRINIDAD.															
224 C.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—
225 D.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—
227 A.	Angelin	.007	.010	.015	—	—	—	—	—	—	—	—	—	—	4704
227 B.	"	.008	.010	—	.012	.015	.020	.020	.000	—	—	—	—	—	4405
237 A.	Sapotillier	.005	.007	.009	.013	.016	.022	.045	.100	—	—	—	—	—	10752
237 B.	"	.005	.008	.010	.013	.016	.021	.045	—	—	—	—	—	—	5352
243 A.	Acacia, or Mastie	.004	.006	.008	.009	.011	.014	—	—	—	—	—	—	—	8855
245 B.	"	.005	.009	.013	.018	.021	.029	—	—	—	—	—	—	—	8024
248 A.	Cypre	.008	.010	.014	.018	—	—	—	—	—	—	—	—	—	6132
248 B.	"	.006	.007	.008	.012	—	—	—	—	—	—	—	—	—	6440
248 C.	"	.006	.007	.008	.012	—	—	—	—	—	—	—	—	—	5544
248 D.	"	.010	.014	.020	—	—	—	—	—	—	—	—	—	—	4928
257 A.	Pili	.005	.006	.007	.008	.010	.011	.012	.014	.015	.016	.017	.019	.022	16004
257 B.	"	.004	.006	.008	.010	.012	.014	.016	.019	.020	.022	.024	.027	—	15632
257 C.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—
259 A.	Almond Tree	.003	.008	.012	.016	.020	—	—	—	—	—	—	—	—	6776
260 B.	"	.004	.005	.008	.010	.013	—	—	—	—	—	—	—	—	7758
262 A.	Olivier	.004	.005	.007	.008	.010	.013	—	—	—	—	—	—	—	8586
262 B.	"	.004	.005	.007	.008	.010	.013	—	—	—	—	—	—	—	8736
262 C.	"	.005	.006	.007	.009	.010	.013	.020	—	—	—	—	—	—	9520
262 D.	"	.005	.008	.010	.012	.014	.016	.016	—	—	—	—	—	—	9744
265 A.	Red Mangrove	.005	.008	.010	.013	.016	—	—	—	—	—	—	—	—	8363
265 B.	"	.005	.006	.008	.009	.010	.013	.016	—	—	—	—	—	—	8261
270 A.	Wild Guava	.004	.006	.008	.010	.012	.016	—	—	—	—	—	—	—	9632
270 B.	"	.005	.008	.010	.013	.016	—	—	—	—	—	—	—	—	—
276 A.	Guatcare	.004	.005	.007	.008	.010	.012	.016	—	—	—	—	—	—	9850
276 B.	"	.004	.005	.007	.008	.009	.011	.014	—	—	—	—	—	—	7131
280 A.	Guropa	.007	.009	.013	.016	.020	—	—	—	—	—	—	—	—	7243
280 B.	"	.005	.007	.010	.013	.016	.022	—	—	—	—	—	—	—	6045
280 C.	"	.007	.010	.014	.018	.023	—	—	—	—	—	—	—	—	6910
280 D.	"	.008	.010	.013	.018	.023	.027	—	—	—	—	—	—	—	Do.



TABLE IV.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of												Crushing Weight in Pounds.	REMARKS.	
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.			lbs. 15,680.
VICTORIA.																
10 A d.	Woody Butt	.005	.007	.009	.013	.020	.030									7,168
10 A b.	"	.006	.007	.007	.012	.014	.014	.020								8,064
10 A c.	"	.007	.008	.010	.013	.023										7,448
10 A d.	"	.004	.006	.008	.010	.013										7,204
11 A.	Broad-leaved Box Tree	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6,160
11 B.	"	.008	.013	.017	.026											5,768
11 C.	"	.009	.012	.016	.027											6,244
11 D.	"	.008	.012	.017	.022											—
12 A.	Honeysuckle	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12 B.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12 C.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12 D.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13 A.	Coast Tea Tree	.017	—	—	—	—	—	—	—	—	—	—	—	—	—	2,808
13 A b.	"	.008	.008	.010	.012	.015										2,840
14 A.	Gully Tree Fern	.005	.008	.010	.012	.022										7,552
14 B.	"	.006	.008	.012	.022											7,552
14 C.	"	.010	.014	.018	.023											6,412
14 D.	"	.005	.007	.010	—	—										6,400
14 A a.	"	.006	.008	.012	—	—										7,400
14 A b.	"	.006	.008	.012	—	—										5,086
14 A c.	"	.007	.010	—	—	—										4,928
14 A d.	"	.006	.008	.012	—	—										4,312
15 A.	Musk Tree	.007	.012	—	—	—										4,082
15 B.	"	.008	.010	—	—	—										4,082
15 C.	"	.010	.025	.015	—	—										4,286
16 A.	Desert Cypress Pine	.006	.009	.015	—	—										4,286
16 B.	"	—	—	—	—	—										4,808
16 C.	"	.004	.006	.007	.010	.014										4,808
16 D.	"	.005	.007	.008	.010	.011	.014									5,152
22 A.	Iron Bark Tree	.005	.007	.008	.010	.012	.015									5,624
22 B.	"	.005	.007	.008	.010	.012	.015									7,784
22 C.	"	.007	.008	.011	.014	.018	.023									8,024
22 D.	"	—	—	—	—	—	—									8,192
24 A.	"	—	—	—	—	—	—									8,708
24 B.	"	—	—	—	—	—	—									—
24 C.	"	—	—	—	—	—	—									—

Symptoms of dry rot.  
Symptoms of dry rot.  
Symptoms of dry rot.  
No experiments.

Symptoms of dry rot.  
No good, had a shake, split





TABLE V.

*In this Table the Woods are arranged in the order of their Crushing Weight in the direction of the Fibre.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
257 A. B. C.	Poui - - -	Trinidad - - -	16,123	2
4 A. B.	Canasin - - -	British Honduras - - -	15,339	2
10,373 A.	Gnoosawoay - - -	East India - - -	15,120	1
212 A. B.	Jamaica Ebony - - -	Jamaica - - -	14,765	2
10,485 A. B. C.	Padouk - - -	East India - - -	13,543	3
319 Ad. Ad.	Section of Cocoa Nut - - -	Jamaica - - -	13,182	2
121 Ad. Ad.	Weeping Myall - - -	Queensland - - -	13,126	2
221 A. B.	Guatamare - - -	Trinidad - - -	13,370	2
1 A. B. C. D.	White or Pale Iron Bark - - -	New South Wales (S.) - - -	13,349	1
2,408 A.	Pannaga - - -	East India - - -	13,300	1
2,471 A.	Kasso - - -	Do. - - -	13,216	1
841 A.	Iron Wood - - -	Jamaica - - -	13,216	1
80 A. B.	- - -	East India - - -	13,118	2
1,754 A. B.	Iron Wood - - -	Do. - - -	13,048	2
297 A. B. C. D.	Red Heart (leaf or heart).	Jamaica - - -	12,950	1
121 A. B.	Weeping Myall - - -	Queensland - - -	12,922	2
2,315 A.	Tenasserim Mahogany - - -	East India - - -	12,880	1
216 A.	Purple Heart - - -	Trinidad - - -	12,796	1
319 Ea. Ea.	Section of Cocoa Nut - - -	Jamaica - - -	12,726	2
4 A.	- - -	Victoria - - -	12,623	1
122 Ad. Ad.	Bricklow - - -	Queensland - - -	12,502	2
223 A. B. C. D.	Brizileto - - -	Jamaica - - -	12,369	4
2 A. B.	Cranadilla - - -	British Honduras - - -	12,278	2
77 A. B.	Iron Bark of the Clarence - - -	New South Wales (N.) - - -	12,264	2
10 A. B. C.	Cedar - - -	Liberia - - -	12,214	3
20 A. B. C. D.	Cumara, or Tonka - - -	British Guiana - - -	12,212	1
345 A. B.	Wild Orange - - -	Jamaica - - -	12,175	2
120 A. B.	Acacia Sp. - - -	Queensland - - -	12,096	1
115 A. D.	Acacia Sp. - - -	Do. - - -	11,984	2
217 A. B.	Locust - - -	Trinidad - - -	11,834	2
5,607 A.	Peasal - - -	East India - - -	11,816	1
16 A. B. C. D.	Burneh, Bully, or Bullet Tree.	British Guiana - - -	11,722	4
20 A. B.	Callum - - -	Queensland - - -	11,561	2
216 A. B. C. D.	Dog Wood - - -	Jamaica - - -	11,470	1
10,358 A. D.	Gangan - - -	East India - - -	11,448	2
355 A. B.	Black Rosewood - - -	Jamaica - - -	11,310	2
68 A. B.	Flintamendosa - - -	New South Wales (N.) - - -	10,248	2
13 A. B. C. D.	Bastard Box - - -	Do. (S.) - - -	11,221	4
13 Ad. Ad.	Bastard Box - - -	Do. (S.) - - -	11,144	2
350 A. B.	Green Heart - - -	Jamaica - - -	11,080	2
7,629 A. B.	Bom Mai Za - - -	East India - - -	11,022	2
10,379 A. B.	Padouk - - -	Do. - - -	10,976	1
339 A. B. C. D.	Naseberry Bullet Tree - - -	Jamaica - - -	10,836	1
71 A. B.	Swamp Mahogany - - -	Queensland - - -	10,822	2
558 A. B. C.	Blue Gum - - -	Tasmania - - -	10,811	5
11 A. B. C. D.	Bastard Box of Illawarra - - -	New South Wales (S.) - - -	10,759	1
11 A. B. C.	Black Gum - - -	Liberia - - -	10,746	3
117 A. B.	Rosewood - - -	Queensland - - -	10,640	2
3 A. B. C.	Iron Bark - - -	New South Wales (S.) - - -	10,540	3
371 A. B. C. D.	Stringy Bark - - -	Tasmania - - -	10,612	1
71 Ad.	Swamp Mahogany - - -	Queensland - - -	10,612	1
5,600 A.	Sissoo, Black - - -	East India - - -	10,584	1
5 A. B. C. D.	Iron Bark - - -	New South Wales (S.) - - -	10,458	1
5 A. B. C. D.	Narrow-leaved Iron Bark - - -	Do. (S.) - - -	10,458	4
122 A. B.	Bricklow - - -	Queensland - - -	10,458	2
140 A. B.	Sandal Wood - - -	East India - - -	10,360	1
2 A. B.	White Iron Bark - - -	New South Wales (S.) - - -	10,342	2
21 A. B. C. D.	Savonette Jaime - - -	Trinidad - - -	10,342	1
319 C. C. C.	Section of Cocoa Nut - - -	Jamaica - - -	10,257	2
8 A. B. C. D.	Black Wood - - -	Tasmania - - -	10,257	1
72 A. B.	Woolly Butt - - -	Queensland - - -	10,161	2
A.	Spoke of a Wheel - - -	New South Wales (S.) - - -	10,161	1
10,588 A. B.	Pangah - - -	East India - - -	10,136	2
67 A. B.	Spotted Gum - - -	Queensland - - -	10,094	2
12 A. B.	Bullet Wood - - -	British Honduras - - -	10,090	2
24 A. B.	Broad-leaved - - -	- - -	- - -	- - -

TABLE V.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
237 A. B.	Sapodilla, Sapotillier	Trinidad	10,052	2
18 A. B.	Box Wood	Liberia	10,047	2
106 A. B.	Iron Wood	New South Wales (N.)	10,024	2
9 A. B.	Swamp Oak	Queensland	9,968	1
10,357 A.	Theya	East India	9,968	1
147 A.	Terruvah	Do.	9,960	1
7,065 A.	Gaham Bada	Do.	9,960	2
160 A. B.	White Lancee Wood	Jamaica	9,960	1
10,376 A.	Yin-dike	East India	9,895	4
185 A. B. C. D.	Noya	Trinidad	9,881	4
7 A. B. C. D.	Narrow-leaved, Smooth or Red, Iron Bark.	New South Wales (S.)	9,860	4
4,664 A.	Beejah	East India	9,856	1
276 A. B.	Guatocare	Trinidad	9,744	2
7,067 A.	Bia-babi	East India	9,744	1
10,489 A. B.	Kya Ya	Do.	9,730	2
72 Aa. Ab.	Woolly Butt	Queensland	9,716	2
358 A. B. C.	White Rosewood	Jamaica	9,657	3
14 A. B. C. D.	Bastard Box	New South Wales (S.)	9,655	4
63 Aa. Ab.	Black Iron Bark	Queensland	9,646	2
265 A. B.	Red Mangrove	Trinidad	9,632	2
17 A. B. C. D.	Flooded Gum	New South Wales (S.)	9,632	4
1 A. B. C. D.	Peppermint Tree	Victoria	9,622	3
7,086 A.	Dammerlant	East India	9,576	1
64 A. B.	Grey Iron Bark	Queensland	9,576	2
91 A. B.	Crab Tree	Do.	9,562	2
200 A. B. C. D.	Launrier Caneille	Trinidad	9,527	4
104 A. B. C.		East India	9,457	3
571 A. D. C. D.	White Torch	Jamaica	9,436	4
65 A. B.	Red Iron Bark	Queensland	9,434	2
4 A. B. C. D.	Broad-leaved Rough Iron Bark.	New South Wales (S.)	9,401	4
10,384 A.	Thitsee	East India	9,352	1
117 Aa. Ab.	Rosewood	Queensland	9,338	2
10,390 A. B.	Kt-uah-gau	East India	9,324	2
2,493 A.	Klaydang	Do.	9,206	1
185 A.	Black Wood	Do.	9,264	1
10,491 A. B.	Zangyecont-doup (Oak-leaved Polypod).	Do.	9,244	2
46 A. B. C. D.	Stringy Bark of Coast	New South Wales (S.)	9,233	4
23 A. B. C. D.	Grey Gum	Do. (S.)	9,212	4
84 A. B.	Marble Wood	Do. (N.)	9,212	2
65 Aa. Ab.	Red Iron Bark	Queensland	9,184	2
5,609 A.	Keechar	East India	9,184	1
67 Aa. Ab.	Spotted Gum	Queensland	9,170	2
228 A. B.	Yellow Candle Wood	Jamaica	9,170	2
103 A. B.	Grey Gum	New South Wales (N.)	9,127	2
24 Aa. Ab.	Broad-leaved Cherry	Queensland	9,114	2
10,440 A.	Baman	East India	9,072	1
37 A. B. C. D.	Eucalyptus Sp.	New South Wales (S.)	9,072	4
4,671 A.	Baibul	East India	9,072	1
61 Aa. Ab.	Myrtace	Queensland	9,058	2
3,952 A.	Myrtangul	East India	9,035	1
10,478 A. B. C.	Nat Gyce	Do.	9,022	3
15 A. B. C. D.	Mora	British Guiana	9,020	4
1,220 A. B.	Unjun	East India	9,016	2
36 Aa. Ab.	Pseudalangium Tomen-tosum.	Queensland	9,016	2
64 A. B.	Broad-leaved Tea Tree	New South Wales (S.)	8,974	2
2,465 A.	Marabow	East India	8,960	1
64 Aa. Ab.	Grey Iron Bark	Queensland	8,960	2
5,602 A.	Abloos or Kandoo	East India	8,960	1
7,093 A.	Gading-gading	Do.	8,960	1
8 A.	Pimento	British Honduras	8,940	1
67 A. B.	Nono Gymnandii	New South Wales (N.)	8,932	2
328 A. B.	Black Bullet Tree	Jamaica	8,932	2
5,606 A.	Sissoo, Red	East India	8,932	1
48 Aa. Ab.	Cymnosma Oblongifolia	Queensland	8,918	2
201 A. B. C. D.	Red Candle Wood	Jamaica	8,879	4
63 A. B.	Black Iron Bark	Queensland	8,876	2
5 A. B.	Kakaralli	British Guiana	8,862	2
110 A. B.	Ixora Thozetiana, F.M.	Queensland	8,848	1
7,071 A.	Murbow	East India	8,848	1
28 A. B. C. D.	Native Plum	New South Wales (N.)	8,848	4

TABLE V.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
12 A. B. A.	Plindosa - - -	Queensland - - -	8,834	2
14 A. B.	Tastab - - -	British Honduras - - -	8,834	2
109 A. B.	Olive Tree - - -	Queensland - - -	8,834	2
68 A. B. A.	Turpentine Tree - - -	Do. - - -	8,820	2
10,348 A. B.	Petwood - - -	East India - - -	8,806	2
68 A. B.	Turpentine Tree - - -	Queensland - - -	8,806	2
89 A. B.	Found in the Brush Forest on the Clarence.	New South Wales (N.) - - -	8,792	2
319 B. A. B. D.	} Section of Cocoa Nut -	Jamaica - - -	8,766	4
10,434 A.		East India - - -	8,764	1
2,471 A.	Brombong - - -	Do. - - -	8,764	1
243 A. B.	Acoma or Mastic - - -	Trinidad - - -	8,754	2
373 Ca. Cb. Cc.	Stringy Bark - - -	Tasmania - - -	8,717	3
17 A. B. C. D.	Do. Appin - - -	New South Wales (S.) - - -	8,708	1
4,060 A.	Surrye - - -	East India - - -	8,699	1
8 Ca. Cb. Cc. Cd.	Black Wood - - -	Tasmania - - -	8,680	4
7,066 A.	Rungas - - -	East India - - -	8,680	1
33 A. B. C. D.	Grey Gum from Brisbane Water.	New South Wales (S.) - - -	8,666	4
68 A. B.	Found in the Brush Forest on the Clarence.	Do. - - (N.) - - -	8,638	2
57 A. B.	Iron Wood - - -	Queensland - - -	8,633	2
407 A.	Star Apple - - -	Jamaica - - -	8,624	1
5,508 A.	Sal - - -	East India - - -	8,624	1
109 A. B. A.	Olive Tree - - -	Queensland - - -	8,596	2
10,382 A.	Pouktheuma - myckkyouk. - - -	East India - - -	8,587	1
372 A. B. C. D.	Blue Gum - - -	Tasmania - - -	8,577	4
61 A. B.	Myrtace - - -	Queensland - - -	8,568	1
10,397 A.	Thabyehzah - - -	East India - - -	8,568	1
218 A. B. C. D.	Narajillo Amarillo - - -	Trinidad - - -	8,556	4
367 A. B. C. D.	Iron Wood - - -	Tasmania - - -	8,551	4
5,491 A.	Burdur - - -	East India - - -	8,549	1
48 A. B. C. D.	Stringy Bark, Camden - - -	New South Wales (S.) - - -	8,547	4
10,352 A. B.	Eng - - -	East India - - -	8,531	2
123 A. D.	Acacia - - -	Queensland - - -	8,516	2
60 A. D.	Hickory, Lignum Vitæ - - -	New South Wales (N.) - - -	8,512	2
7,531 A.	- - -	East India - - -	8,512	1
373 A. B. C. D.	Stringy Bark - - -	Tasmania - - -	8,505	4
21 A. B. C. D.	Blue Gum - - -	New South Wales (S.) - - -	8,494	4
22 A. B. C. D.	Iron Bark Tree - - -	Victoria - - -	8,491	1
10,367 A. B.	Broomayza - - -	East India - - -	8,484	2
23 A. B. A.	Mountain Ash - - -	Queensland - - -	8,460	2
81 A. B.	Black Wattle of Illawarra. - - -	New South Wales (S.) - - -	8,456	2
27 A. B. C. D.	Black Butt Gum - - -	Do. (S.) - - -	8,449	4
10,410 A. B.	Hteingalah - - -	East India - - -	8,456	1
10,420 A. B.	Than-day - - -	Do. - - -	8,437	1
10,482 A. B.	Pune Tha - - -	Do. - - -	8,428	2
28 A. B. C. D.	- - -	Victoria - - -	8,421	4
40 A. B. A.	Cupania Sp. - - -	Queensland - - -	8,400	2
111 A. B.	Notelga Longifolia - - -	Do. - - -	8,400	2
196 A. B.	Beef Wood - - -	Trinidad - - -	8,400	2
13 A. B.	Wobul - - -	New South Wales (N.) - - -	8,386	2
34 A. B.	Dark Yellow Wood - - -	Queensland - - -	8,376	2
10,226 A.	Sissoo - - -	East India - - -	8,344	1
4,688 A.	Dhowsrah - - -	Do. - - -	8,344	1
75 A. B. A. C.	Pottosporum, or Waddy Wood. - - -	Tasmania - - -	8,338	3
66 A. B.	Stringy Bark - - -	Queensland - - -	8,330	2
226 A. B. C. D.	Angelina - - -	Trinidad - - -	8,325	2
270 A. B.	Wild Guava - - -	Do. - - -	8,307	2
10,355 A. B.	Thingadoc - - -	East India - - -	8,306	2
29 A. B. C.	Hitchia - - -	British Guiana - - -	8,288	1
40 A. B. C.	Urobie - - -	New South Wales (N.) - - -	8,288	2
70 A. B.	Myrtle - - -	Do. (S.) - - -	8,288	2
105 A. B.	River or White Oak - - -	Do. (S.) - - -	8,288	2
26 C. D.	Spotted or Mottled Gum - - -	Do. (S.) - - -	8,260	2
74 A. B.	White Myrtle - - -	Do. (S.) - - -	8,260	2
577 A. B. C. D.	Blue Gum - - -	Do. (N.) - - -	8,260	2
12 A. B.	Plindosa - - -	Tasmania - - -	8,248	4
154 A. B.	Red Ash, Leather Jacket, Coopers' Wood. - - -	Queensland - - -	8,246	2
		New South Wales (S.) - - -	8,232	2

TABLE V.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
17 A.	Sapodilla	British Honduras	8,204	1
66 A. B.	Stringy Bark	Queensland	8,176	2
85 A. B. C.	Peppermint	Tasmania	8,151	3
10 A. B. C. D.	Box of Illawarra	New South Wales (S.)	8,148	4
210 A. B. C.	Casuarina Equisetifolia	Jamaica	8,148	3
21 A. B. C. D.	Black Oak	Liberia	8,115	4
10,475 A. B.	Nanee Auka	East India	8,134	2
10,477 A. B. C.	Kay Yoob	Do.	8,134	2
29 A. B. C. D.	Do.	Victoria	8,113	4
Ad.				
36 A. B.	Larrabee	New South Wales (N.)	8,108	2
363 A.	Beech Wood	Jamaica	8,002	1
144 A.	Bongha	East India	8,002	1
36 A. B.	Pseudalangium Tomen- tosum.	Queensland	8,002	2
54 A. B.	Schmidia pyramidalis	New South Wales (N.)	8,002	2
88 A. B.	Bursaria Ferruginea	Queensland	8,078	2
58 A. B.	Myrtle	Do.	8,078	2
58 A. B.	Mahogany	Liberia	8,064	2
6 A. B.	Forest Oak	Queensland	8,064	2
110 A. B. C.	Ixora Thozetiana, F.M.	Do.	8,064	2
7,514 A. B.	Sakho	East India	8,050	2
218 A. B.	Dog Wood	Jamaica	8,045	2
88 A. B. C.	Bursaria Ferruginea	Queensland	8,036	2
58 A. B.	Myrtle	Do.	8,036	1
73 A. B. C.	Blue Gum	Do.	8,036	2
300 A. B. C. D.	Tea Tree	Tasmania	8,031	4
10,356 A. B.	Eucalypt	East India	8,022	2
10,375 A. B.	May-sa-lee	Do.	8,008	2
29 A. B.	Lignum Vitæ	Queensland	8,003	2
25 A. B. C. D.	Rough-barked Gum	New South Wales (S.)	8,001	4
10,406 A. B.	Bingah	East India	7,994	2
97 A. B.	Sersatisia Sericea, R. B.	Queensland	7,972	2
267 A. B. C. D.	White Bully Tree	Jamaica	7,960	1
220 A. B.	Casse	Trinidad	7,970	2
262 A. B. C. D.	Olivier	Do.	7,959	4
14 A. B.	Found near Lismore, near Richmond River.	New South Wales (N.)	7,952	2
102 A. B. C. D.	Flooded Gum	Do. (N.)	7,949	4
3 A. B. C.	Tovrie	Do. (N.)	7,911	3
44 A. B. C. D.	Mahogany	Do. (S.)	7,884	4
94 A. B.	Silver Tree	Queensland	7,868	1
21 A. B. C. D.	Caoutchouc	British Honduras	7,853	1
54 A. B.	Turpentine	New South Wales (S.)	7,840	2
7,092 A.	Madang Serai	East India	7,840	1
111 A. B. C.	Notelara Longifolia	Queensland	7,840	2
106 A. B. C.	Gerjeria Salicifolia	Do.	7,840	2
71 A. B.	Swamp Oak	New South Wales (N.)	7,826	2
14 A. B. C.	Tulip Wood	Queensland	7,821	2
86 A. B.	Woodunpar	East India	7,798	2
34 A. B. C. D.	Do.	Victoria	7,796	4
5,610 A.	Koozoom	East India	7,784	1
10,354 A. B.	Thingan	Do.	7,784	2
15 A.	Mabinjuh or Mabinjuh	British Honduras	7,781	1
4,658 A.	Putteeceea Sagoon	East India	7,765	1
19 A. B. C.	Light Wood	Queensland	7,756	2
106 A. B. C.	Gerjeria Salicifolia	Do.	7,742	2
7,072 A.	Klat	East India	7,728	1
4 A. B. C. D.	Wadaduri or Monkey Nut.	British Guiana	7,707	4
30 A. B. C.	Do.	East India	7,690	3
29 A. B. C.	Lignum Vitæ	Queensland	7,672	2
17 A. B. C. D.	Rosewood	New South Wales (N.)	7,659	3
108 A. B.	Canthium Lamprophyll- um.	Queensland	7,658	2
354 A. B.	Sweet Wood	Jamaica	7,658	2
5,608 A.	Koozoom	East India	7,616	1
169 A. B. C. D.	Red Wood	Jamaica	7,611	4
10,225 A.	Saul	East India	7,598	1
40 A. B. C. D.	Messmate	New South Wales (S.)	7,588	4
29 A. B. C. D.	Do.	Victoria	7,581	4
7,622 A. B. C. D.	Oak An	East India	7,576	4
10,349 A. B.	Dwance	Do.	7,564	2
24 A. B. C. D.	Woolly Butt of Illawarra	New South Wales (S.)	7,560	4

TABLE V.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
10 A. G. A. B. A. C. A. D.	Woolly Butt	Victoria	7,546	4
374 A. B. C. D.	Blue Gum	Tasmania	7,541	3
10, 116 A. B.	Toung-za-lat	East India	7,532	2
81 A. B.	Croton Phebaloides, R. B.	Queensland	7,532	2
5,603 A.	Assan	East India	7,532	1
64 A. B.	Bastard Myall	New South Wales (N.)	7,531	2
15 A. B. C. D.	Burr Wood	Liberia	7,527	1
49 A. B. C. D.	Stringy Bark, Berrima	New South Wales (S.)	7,522	1
49 A. G. A. D.	Mimusops Parviflora	Queensland	7,518	2
14 A. B. C. D.	Houbaballi	British Guiana	7,516	1
5 A. B. C. D.	Brush Bastard or White Box.	New South Wales (N.)	7,511	1
2,470 A.	Klat Mera	East India	7,504	1
326 A. B.	Red Wood	Jamaica	7,504	2
44 A. B.	Tulip Wood	Queensland	7,490	2
8 B. A. B. D. E. C.	Black Wood	Tasmania	7,485	3
43 A. B. C. D.		Victoria	7,478	4
43 A. B.	Bat and Ball. Native Orange. Native Pomegranate.	New South Wales (N.)	7,448	2
106 A. G. A. D.	Gerjaria Salicifolia	Queensland	7,448	2
108 A. G. A. D.	Canthium Lamprophyllum.	Do.	7,434	2
4,662 A.	Dhengun	East India	7,420	1
73 A. B.	Blue Gum	Queensland	7,420	2
7 A. B. C. D.	Moraballi or Mooraballi	British Guiana	7,401	1
16 A. B.	Subin or Cubin	British Honduras	7,396	4
40 A. B.	Mimusops Parviflora	Queensland	7,392	2
7,520 A.		East India	7,364	1
320 A. B.	Yoke Wood	Jamaica	7,361	2
373 A. G. A. D.	Stringy Bark	Tasmania	7,354	3
32 A. B.	Plum Tree	Queensland	7,345	2
155 A. B. C. D.	Tapana	Trinidad	7,336	2
48 A. B.	Cymnosma Oblongifolia	Queensland	7,331	2
8 A. B. C. D.		Victoria	7,324	4
3,961 A.	Mowah	East India	7,317	1
10,405 A. B.	Hnau	Do.	7,308	2
42 A. B. C.	Swamp Mahogany	New South Wales (S.)	7,280	3
6,550 A.	Pangah	East India	7,243	1
372 A. B.	Beef Apple	Jamaica	7,242	3
10,417 A.	Paet-than	East India	7,224	1
21 A. B.	Wootarie	New South Wales (N.)	7,224	2
19 A. B.	Light Wood	Queensland	7,224	2
18 A. B. C.	Caraba or Crab Wood	British Guiana	7,217	3
40 A. B.	Cupania Sp.	Queensland	7,210	2
2 A. B. C. D.	Grey Box Tree	Victoria	7,208	1
24 A. B. C. D.	Ash, Beech, and Flindosa	New South Wales (N.)	7,193	1
11 A.	Chucya	British Honduras	7,196	1
284 A. B.	Tecoma Stans	Jamaica	7,168	2
64 A. B.	Tea Tree	New South Wales (N.)	7,168	2
2 A. G. A. B. A. C. A. D.	Grey Box Tree	Victoria	7,163	1
53 A. B.	Myrtus Trinervis	Queensland	7,154	2
105 A. B.	Light Yellow Wood	New South Wales (N.)	7,149	2
116 A. B. C. D.	Blue Gum	Tasmania	7,147	1
4,661 A.	Jimorasse	East India	7,131	4
54 A. G. A. D.	Myrtus Argentea	Queensland	7,126	2
222 A. B. C. D.	Bois Mulatre	Trinidad	7,116	1
52 A. B. C. D.	Apple Tree of Coast	New South Wales (N.)	7,107	2
104 A. B.	Found in the Bricklow Scrubs.	Queensland	7,098	4
171 A. B. C.	Galba	Trinidad	7,095	4
104 A. G. A. D.	Found in the Bricklow Scrubs.	Queensland	7,070	2
23 A. B.	Mountain Ash	Do.	7,070	2
75 A. B. C.	Pottosporum or Waddy Wood.	Tasmania	7,068	3
20 A. B. C.	Iron Wood	Liberia	7,061	3
3,949 A.	Hurdoo	East India	7,056	1
7,520 A.	Asua or Asau	Do.	7,056	1
3 A. B.	Coast Tea Tree	Victoria	7,055	2
113 A. G. A. D.	Mangrove	Queensland	7,042	2
10 A. B. C. D.	Woolly Butt	Victoria	7,035	1

TABLE V.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
332 A. B. C. D.	Hog-berry	Jamaica	7,032	1
10,351 A.	Pinlay-oong	East India	7,028	1
10,353 A.	Nuohay	Do.	7,012	1
15 A. B. C.	Box	New South Wales (S.)	7,112	1
3,476 A.	Marsawa	East India	7,800	1
42 A. G. A. B. A. C. A. D.		Victoria	6,663	1
280 A. B. C. D.	Genipa	Trinidad	6,663	1
365 A. B.	Wild Cinnamon	Jamaica	6,681	2
164 A. B. C. D.	Blood or Iron Wood	Do.	6,619	1
3,955 A.	Taunau	East India	6,672	1
15 A. A. A. B.	Schmidelia Pyriformis	Queensland	6,644	2
5 A.	Chac-vax	British Honduras	6,644	1
109 A. B.	Swamp Mahogany	New South Wales (N.)	6,667	1
358 A. B. C.	Spanish Elm	Jamaica	6,664	2
10,399 A. B.	Lansah	East India	6,664	1
207 A. B. C. D.	Canto	Trinidad	6,666	2
376 A. B.	Blood-red Wood	Jamaica	6,664	1
14 A. B. C. D.	Gully Tree Fern	Victoria	6,664	2
53 A. B.	Carissapoula	New South Wales (N.)	6,662	1
61 A. B. C. D.	Plindosa	Do. (N.)	6,661	1
384 A. B. C. D.	Black Mahogany or Blood-red Wood	Jamaica	6,662	1
137 A. B.	Wadlman Deyern	New South Wales (S.)	6,688	2
7,677 A. B.	Teak Tha	East India	6,688	2
51 A. G. A. B.	Croton Phobshoides, R. B.	Queensland	6,674	2
57 A. B. C. D.	Hickory	New South Wales (S.)	6,666	1
10,359 A. B.	Toung-tha-lay	East India	6,664	2
111 A. B. C. D.	Water Gum	New South Wales (N.)	6,664	1
84 A. B.	Satin Wood	Queensland	6,666	2
219 A. B. C. D.	Tamarind	Trinidad	6,666	1
20 A. B. C. D.	Blue Gum	New South Wales (S.)	6,677	1
17 A. B.	Tulip Tree	Queensland	6,676	1
168 A. B. C. D.	Surette	Trinidad	6,676	1
104 A. B.	Bitter Bark	New South Wales (N.)	6,678	1
169 A. B. C. D.	Pearman	Trinidad	6,678	1
69 A. B.	Found at Clarence and Richmond Brush Forest.	New South Wales (N.)	6,679	2
55 A. B.	Backhousia Citriodora	Queensland	6,679	2
3,951 A.	Pandar	East India	6,679	1
6,548 A.	Nabhay	Do.	6,680	1
3,955 A.	Kardahoe	Do.	6,688	1
55 A. B.	Water Gum	New South Wales (S.)	6,684	2
7,090 A.	Kumpas	East India	6,684	1
6,551 A.	Lein	Do.	6,684	1
3,953 A.	Rohnee	Do.	6,684	1
9 A. B. C.		Victoria	6,684	2
90 A. B.	Pittosporaceae	Queensland	6,686	2
114 A. B.	Brush Iron Bark	New South Wales (N.)	6,682	2
7 A. B. C.	Wishmore	Liberia	6,620	3
10,426 A. B. C.	Kuyon Teak	East India	6,611	3
60 A. A.	Myrtus Australis	Queensland	6,608	1
3,977 A.	Tine or Sisso	East India	6,608	1
6,542 A.	Kokoh	Do.	6,608	1
5,804 A.	Gumbaree	Do.	6,608	1
10,430 A. B. C.	Taunheim	Do.	6,608	1
10,221 A.	Philibeet	Do.	6,608	1
14 A. G. A. B. C. C.	Gully Tree Fern	Victoria	6,598	1
17 A. A. A. B.	Tulip Tree	Queensland	6,580	2
42 A. B. C. D.		Victoria	6,575	1
25 A.	Roble Blanco	British Honduras	6,571	1
10,380 A.	Kokoh	East India	6,571	1
5,509 A.	Teak Sagoon	Do.	6,571	1
10,394 A. B.	Thuyehgio	Do.	6,570	2
113 A. B.	Mangrove	Queensland	6,562	2
19 A. B. C. D.	Blue Gum of Camden	New South Wales (S.)	6,552	1
3,948 A.	Siris	East India	6,543	1
17 A. B. C.	Brimstone	Liberia	6,510	2
115 A. A. A. B.	Acacia Supindoides	Queensland	6,496	2
127 A.	Tamarind Tree	New South Wales (S.)	6,468	1
45 A. A. A. B.	Cutha Cunningham	Queensland	6,468	1
51 A. B. C. D.	Penell Cedar, Turnip Wood.	New South Wales (N.)	6,454	1

TABLE V.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
38 A. B. C. D.	Native Cherry Tree	Victoria	6,449	4
45 A. B.	Schinus molle Pyriformis	Queensland	6,410	2
16 A.	Flooded Gum	New South Wales (S.)	6,410	1
9,230 A.	Bayang Bada	East India	6,410	1
10,476 A. B. C.	Ngoo Tha	Do.	6,400	3
177 A. B. C. D.	Mountain Ash	New South Wales (S.)	6,406	4
76 A. B. C. D.	Black Wattle	Tasmania	6,423	4
6 A. B. C.	Eucalyptus	Victoria	6,421	5
23 A.	Yaxnic or Yaxnic	British Honduras	6,421	1
5 Aa. Ab. Ac.	Mint Tree	Victoria	6,405	3
3,950 A.	Kaini	East India	6,384	1
59 A. B.	Prickly Tea Tree	New South Wales (S.)	6,384	2
6,517 A.	Khyong-yooh	East India	6,384	1
10,393 A. B.	Bambonay	Do.	6,384	2
166 A. B. C.	Soap-nut Tree	Trinidad	6,374	3
106 A. B.	Gerjaria Salicifolia	Queensland	6,350	2
60 A. B.	Myrtus Australis	Do.	6,356	2
10,361 A. B.	Poonyet	East India	6,346	1
5 A. B.	Larch	Russia	6,346	2
3 A. B. C. D.	Chicbear	British Honduras	6,342	4
3,954 A.	Londya	East India	6,328	1
79 Aa. Ab.	Common Tea Tree	Queensland	6,314	2
33 A. B. C. D.	Grey Box Tree	Victoria	6,302	4
6 Aa. Ab.	Forest Oak	Queensland	6,300	2
10,409 A. B.	Htein	East India	6,300	2
93, 94 A. B. C. D.	Myrtle	Tasmania	6,279	4
1,215 A.	Kree	East India	6,272	1
4,659 A.	Doodheca Sagoon	Do.	6,272	1
206 A. B. C. D.	Bois de Fer	Trinidad	6,265	1
12 A. B. C.	Truo or Yellow Box of Camden.	New South Wales (S.)	6,259	3
3 A.	Larch	Russia	6,244	1
18 A.	Kaskat	British Honduras	6,216	1
4 A. B.	Larch	Russia	6,216	2
4,666 A.	Ghattoo	East India	6,197	1
50 A. B.	Myrtus Aemniodes	Queensland	6,157	2
252 A. B. C.	White Mangrove	Jamaica	6,157	3
60 A. B.	Smooth-barked Gum	Queensland	6,188	2
93 Aa. Ab.	Stevensliacea	Do.	6,188	2
53 Aa. Ab.	Myrtus Trinervia	Do.	6,188	2
189 A. B. C. D.	Jack Fruit	Jamaica	6,183	4
7,619 A. B.	Ah Nan	East India	6,178	2
7,524 A.	Kaitha	Do.	6,169	1
201 A. B. C. D.	Laurier Blanc	Trinidad	6,160	2
4,537 A.	Seba Sagoon Teak	East India	6,160	1
16 A. B.	Cherry	Liberia	6,156	2
70 A. B.	Common Tea Tree	Queensland	6,142	2
80 Aa. Ab.	Bottle Brush Tree	Do.	6,104	2
52 Aa. Ab.	Hodgkinsonia Ovati-flora.	Do.	6,104	2
23 A. B.	Samah, or Sumach, or Divi-divi Bark.	East India	6,076	2
19 A. B. C.	Cedar	Liberia	6,066	2
4 A. B.	Gulgi	New South Wales (N.)	6,062	2
11 A. B. C. D.	Broad-leaved Tea Tree	Victoria	6,057	3
5,597 A.	Gurunga	East India	6,048	1
2,488 A.	Madang Saraya Batoo	Do.	6,048	1
46 A. B.	Catha Cunninghamii	Queensland	6,020	2
22 A. B. C. D.	Mahogany	Liberia	6,016	3
12 D.	Goupian	New South Wales (N.)	5,992	1
2 A.	Larch	Russia	5,992	1
155 A. B.	Found at Illawarra, Brisbane Water.	New South Wales (S.)	5,980	2
84 Aa. Ab.	Satin Wood	Queensland	5,978	2
20 Aa. Ab. Ac. Ad.	Mahogany	Liberia	5,954	4
55 Aa. Ab.	Backhousia Citriodora	Queensland	5,950	2
7,234 A. B.		East India	5,946	2
11 A. B.	Black Myrtle	New South Wales (N.)	5,922	2
47 Aa. Ab.	Line	Queensland	5,922	2
33 A. B.	Rosewood	Do.	5,908	2
97 A. B. C. D.	White Gum	Tasmania	5,896	4
201 Aa. Ab. Ac. Ad.	Laurier Blanc	Trinidad	5,894	2

TABLE V.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiment.
69 <i>aa. ab.</i>	Smooth-barked Gum	Queensland	5,894	2
100 <i>aa. ab.</i>	Ebenaceæ	Do.	5,880	1
7,517 A.	Toon	East India	5,880	1
7,618 A. B.	Thin Gan	Do.	5,880	2
93 A. B.	Celtis Opaca	New South Wales (N.)	5,880	2
89 A. B.	Bursaria Spinosa	Queensland	5,866	2
35 A. B.	Cugerie	Do.	5,852	2
51 A. B.	Myrtus Argentea	Do.	5,852	2
70 <i>aa. ab.</i>	Blood Wood	Do.	5,838	2
41 A. B.	Cupania Pseudorilias	Do.	5,824	—
60 A. B. C.	Common Tea Tree	New South Wales (S.)	5,824	3
45 A. B. C. D.	Wattle	Victoria	5,817	4
108 A. B.	Beech, Brush Cherry	New South Wales (S.)	5,810	2
13 <i>aa. ab.</i>	Flindersia Bennettiana	Queensland	5,810	2
198 A. B. C. D.	Laurel	Trinidad	5,798	4
7,515 A.	Sakhoo	East India	5,796	1
50 A. B.	Maba Geninata	Queensland	5,796	2
7,075 A.	Jermalang	East India	5,796	1
83 <i>aa. ab.</i>	Rottlera	Queensland	5,776	2
248 A. B. C. D.	Cypre	Trinidad	5,761	4
18 A. B. C.	Blue Gum of Coast Districts.	New South Wales (S.)	5,740	3
26 A. B.	Cherry of the Clarence	New South Wales (N.)	5,740	2
32 <i>aa. ab.</i>	Plum Tree	Queensland	5,740	2
10,435 A. B.	Tinyooben	East India	5,740	2
25 A. B.	Cherry	Queensland	5,726	2
35 A. B. C. D.	Stringy Bark	Victoria	5,733	4
20 <i>aa. ab.</i>	Callhum	Queensland	5,712	2
80 A. B.	Bottle Brush Tree	Do.	5,684	2
47 A. B.	Lime	Do.	5,656	2
1 A. B.	Bogum-bogum	New South Wales (N.)	5,656	2
7 A. B. C.		Victoria	5,653	3
50 <i>aa. ab.</i>	Maba Geninata	Queensland	5,628	2
212 A. B.	Balsam Capivi	Trinidad	5,628	2
23 A. B. C. D.	Urta Wymbie	New South Wales (N.)	5,614	4
1 A. B. C.	Siricote	British Honduras	5,600	3
33 <i>aa. ab.</i>	Rosewood	Queensland	5,590	2
4,667 A.	Trosium	East India	5,572	1
187 A. B. C. D.	Gummiar	Trinidad	5,555	4
7 A.	River Oak	Queensland	5,544	1
45 A. B.	Clarence and Richmond Brush.	New South Wales (N.)	5,488	2
43 A. B. C. D.	Swamp Mahogany	Do. (S.)	5,488	4
7,674 A. B.	Touk Tea	East India	5,488	1
1,214 A.	Doodhee	Do.	5,488	1
20 <i>aa. ab.</i>	Callhum	Queensland	5,474	2
13 A. B.	Flindersia Bennettiana	Do.	5,400	2
324 A. B.	Santa-Maria	Jamaica	5,432	2
51 A. B.	Cargillia Australis	Queensland	5,432	2
105 <i>aa. ab.</i>	Barkleya Syringifolia, F.M.	Do.	5,404	2
77 A. B.	Broad-leaved Tea Tree	Do.	5,390	2
105 A. B.	Barkleya Syringifolia, F.M.	Do.	5,384	2
59 <i>aa. ab.</i>	Myrtus Aememlodes	Do.	5,370	2
7,527 A.	Reem	East India	5,376	1
27 A. B. C.	Native Tamarind	New South Wales (N.)	5,357	3
16 A. B. C. D.	Desert Cypress Pine	Victoria	5,338	2
17 A. B.	Pobo	New South Wales (N.)	5,334	2
112 <i>aa. ab.</i>	Capparidaceæ	Queensland	5,320	2
11 <i>aa. ab.</i>	Light Yellow Wood	Do.	5,320	2
35 <i>aa. ab.</i>	Cugerie	Do.	5,306	2
10,362 A. B.	Gyo	East India	5,301	2
11 A. B.	Light Yellow Wood	Queensland	5,296	2
351 A.	Musk Wood	Jamaica	5,292	1
99 <i>aa. ab.</i>	Bean Tree	Queensland	5,292	2
140 A. B.	Light Wood, Leather Jacket, Coach Wood.	New South Wales (S.)	5,264	2
2,490 A.	Niatoo	East India	5,264	1
31 A. B. C.		Victoria	5,257	3
10 A. B.	Box of Illawarra	New South Wales (N.)	5,250	2
52 A. B.	Hodgkinsonia Ovati-flora.	Queensland	5,236	2
10,419 A. B.	Tha-koot-ma	East India	5,231	2
83 A. B.	Rottlera	Queensland	5,208	2
25 <i>aa. ab.</i>	Cherry	Do.	5,208	2

TABLE V.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
21 A. B.	Cabbage Tree	Queensland	5,208	2
5 A. A. B.	The Pine	Do.	5,208	2
25 A. B. C. D.	Urri Burrigundie	New South Wales (N.)	5,189	4
114 A. B.	Celtis Sp.	Queensland	5,180	2
53 A. B. C. D.	Apple Tree	New South Wales (S.)	5,161	4
35 A. B.	Steveniaceae	Queensland	5,152	2
5,605 A.	Jack "Punsee"	East India	5,152	1
9 A. B.	Santa-Martia	British Honduras	5,110	2
72 A. B. C.	Kowah	East India	5,096	3
4,665 A.	Do.	Do.	5,096	1
6 A. B. C. D.	Red Box	New South Wales (N.)	5,082	4
116 A. B.	Acacia Sp.	Queensland	5,068	2
76 A. A. B.	Prickly-leaved Tea Tree	Do.	5,054	2
4,672 A.	Kuhmee	East India	5,040	1
8 A. B.	Shingle Oak	Queensland	5,021	2
86 A. B.	Do.	Do.	4,984	1
43 A. A. B.	Tamarind Tree	Do.	4,956	2
56 A. A. B.	Eugenia Marginata	Do.	4,928	2
39 A. B.	Sassafras	Do.	4,900	2
38 A. A. B.	Grey Plum	Do.	4,900	2
70 A. B.	Blood Wood	Do.	4,872	2
22 A. B.	Yuhic	British Honduras	4,872	2
6 A. B. C. D.	Riga Oak	Russia	4,862	4
35 A. B.	Undambie	New South Wales (N.)	4,858	2
31 A. A. B.	White Cedar	Queensland	4,816	2
9,233 A.	Do.	East India	4,816	1
4 A.	Cypress Pine	Queensland	4,816	1
30 A. A. B.	Beech	Do.	4,811	2
6,544 A.	Pouktheuma - myek-kyouk.	East India	4,788	1
7 A. B.	Buranna	New South Wales (N.)	4,788	2
7,665 A. B.	Dhane Eha	East India	4,760	2
7,077 A.	Sittola	Do.	4,760	1
82 A. B.	Box	Queensland	4,738	2
10,415 A.	Khaboung	East India	4,732	1
6,545 A.	Toungkatseet	Do.	4,704	1
28 A. B.	Mangrove	Queensland	4,685	2
5 A. B.	She Pine	Do.	4,676	2
15 A. B.	Silky Oak	Do.	4,592	2
62 A. A. B.	Box	Do.	4,564	2
227 A. B.	Angelin	Trinidad	4,554	2
120 A. B.	Teak Wood	New South Wales (S.)	4,536	2
36 A. B. C. D.	White Gum Tree	Victoria	4,510	4
19 A. D.	Cherry	New South Wales (N.)	4,508	2
76 A. D.	Prickly-leaved Tea Tree	Queensland	4,480	2
10,427 A. B.	Yemaneh	East India	4,452	2
39 A. B.	Beech	Queensland	4,452	2
136 A. B. C. D.	White Maple	New South Wales (S.)	4,433	3
15 A. C. A. B.	Silky Oak	Queensland	4,368	2
140 A. B.	Mango	Trinidad	4,293	2
28 A. A. B.	Mangrove	Queensland	4,270	2
118 A. B.	Acacia Sapindoides	Do.	4,270	2
10,438 A. B. C.	Nasha	East India	4,268	3
37 A. B.	Capparis Mitchellii	Queensland	4,256	2
39 A. A. B.	Sassafras	Do.	4,214	2
8 A. C. A. B.	Shingle Oak	Do.	4,186	2
4,670 A.	Bher	East India	4,181	1
38 A. B.	Grey Plum	Queensland	4,158	2
31 A. B.	White Cedar	Do.	4,144	1
4,663 A.	Saj	East India	4,144	1
236 A. B. C.	South American Acacia	Jamaica	4,134	3
56 A. B.	Eugenia Marginata	Queensland	4,116	2
75 A. B. C.	Mungkudu	East India	4,099	3
22 A. B. C. D.	Wooridli	New South Wales (N.)	4,099	3
15 A. B. C.	Musk Tree	Victoria	4,072	3
68 A. D.	Pine Brush	New South Wales (N.)	3,976	2
43 A. B.	Tamarind Tree	Queensland	3,920	2
92 A. B.	Anacardiaceae	Do.	3,920	2
102 A. B.	Ebenaceae	Do.	3,892	2
6,549	Titseim	East India	3,845	1
125 A. B. C. D.	Maiden's Blush, Ladies' Blush.	New South Wales (S.)	3,769	4
87 A. D.	Leichhardt's Wood	Queensland	3,752	2
367 A. B.	White Cedar	Jamaica	3,598	2

TABLE V.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiment.
40 A. B. C. D.	Coast Honeysuckle	Victoria	3,574	3
171 A. B. C. D.	White Beech, Beech	New South Wales (S.)	3,549	1
10,429 A.	Momakha	East India	3,547	1
139 A.	White Myrtle, Blue Ash.	New South Wales (S.)	3,472	1
10 A. B.	Ash.	Queensland	3,472	2
102 Ad. Ab.	Red Cedar	Do.	3,443	2
10 Ad. Ab.	Ebenaceæ	Do.	3,430	2
16 Ad. Ab.	Red Cedar	Do.	3,218	1
92 Ad. Bb.	Beef Wood	Do.	3,226	2
99 A. B.	Anacardiaceæ	Do.	3,418	2
16 A. B.	Bean Tree	Do.	3,418	2
13 Ad. Ab.	Beef Wood	Do.	3,418	2
10,422 A. B.	Coast Tea Tree	Victoria	2,978	2
39 Ad. Ab. Ac.	Thanat	East India	2,856	1
37 Ad.	Spurious Mulberry Tree	Victoria	2,556	1
24 A. B.	Capparis Mitchellii	Queensland	2,468	1
24 Ad. Ab.	Pinus Picea	Austria	..	..
20 A. B. C. D.	Do.	Do.	..	..
21 A. B. C.	Do.	Do.	..	..
22 A. B. C. D.	Do.	Do.	..	..
26 Ad. Ab. Ac. Ad.	Hitchia	British Guiana	..	..
26 A. B. C. D.	Green Heart	Do.	..	..
10 A. B.	Pasak	British Honduras	..	..
1 A.	Halmollili	Ceylon	..	..
4 A.	Satin Wood	Do.	..	..
2 A.	Iron or Beef Wood	Do.	..	..
3 A.	Taminig	Do.	..	..
145 A.	Bou	East India	..	..
7,525 A.	Aum	Do.	..	..
10,465 A. B.	Dedcap Tha	Do.	..	..
10,421 A.	Kyoun-douk	Do.	..	..
10,366 A. B.	Yimma	Do.	..	..
7,070 A.	Bahkoh	Do.	..	..
7,064 A.	Jurai	Do.	..	..
9,240 A.	Brangan	Do.	..	..
7,089 A.	Bintalim	Do.	..	..
9,247 A.	Do.	Do.	..	..
7,522 A.	Arar	Do.	..	..
1,771 A.	Toon	Do.	..	..
2,462 A. B.	Balow	Do.	..	..
1,772 A.	Chump	Do.	..	..
1,249 A.	Toon	Do.	..	..
5 A. B. C. D.	Do.	Hungary	..	..
8 A. B. C. D.	Betula Alba	Do.	..	..
1 A. B. C. D.	Acer Platanoides	Do.	..	..
4 A. B. C. D.	Fraxinus Excelsior	Do.	..	..
15 A. B.	Salix Caprea	Do.	..	..
17 A. B. C. D.	Fagus Sylvatica	Do.	..	..
25 A. B. C. D.	Do.	Do.	..	..
2 A. B. C. D.	Sorbus Terminalis	Do.	..	..
16 A. B.	Salix Viminalis	Do.	..	..
26 A. B.	Do.	Do.	..	..
13 A. B. C. D.	Quercus	Do.	..	..
28 A. B.	Do.	Do.	..	..
27 A. B. C.	Do.	Do.	..	..
3 A. B. C. D.	Do.	Do.	..	..
14 A. B. C. D.	Carpinus Betulus	Do.	..	..
11 A. B.	Pyrus Malus	Do.	..	..
7 A. B. C. D.	Acer pseudo Platanus	Do.	..	..
6 A. B. C. D.	Do.	Do.	..	..
10 A. B. C. D.	Do.	Do.	..	..
9 A. B. C. D.	Quercus Robur	Do.	..	..
312 A. B. C.	Juniper Cedar	Jamaica	..	..
343 A. B. C.	Cassida Wood	Do.	..	..
378 A.	Fig Tree, Wild	Do.	..	..
329 A. B. C.	Galla Pear	Do.	..	..
8 A. B.	Iron Bark	New South Wales, Hunter River	..	..
9 A.	Blue Gum	Do.	..	..
9 A.	Pine	Do.	..	..
7 Ad.	Tea Tree	Do.	..	..
5 A. B.	Iron Bark	Do.	..	..

TABLE V.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiment.
6 B.	Mahogany	New South Wales, Hunter River.	..	..
3 A.	Grey Gum	Do. Do.	..	..
1 A.	Blue Gum	Do. Do.	..	..
7 A.	Tea Tree	Do. Do.	..	..
15 A. B. C. D.	Moreton Bay Pine	New South Wales (N.)	..	..
112 A. B.	Capparidaceæ	Queensland	..	..
100	-	Do.	..	..
114 A. A. A. B.	Celtis Sp.	Do.	..	..
95 A. B.	-	Do.	..	..
101	-	Do.	..	..
18 A. B.	Aralia Elegans	Do.	..	..
14 A. B.	Flindersia Selwiniana	Do.	..	..
92 A. A. A. B.	Anacardiaceæ	Do.	..	..
1 A. B. C. D.	Riga Fir	Russia	..	..
556 A. B. C.	Blue Gum	Tasmania	..	..
102 A. B. C. D.	Silver Wattle	Do.	..	..
67 A. B. C.	Sassafras	Do.	..	..
167 A. B. C.	Cacapoule	Trinidad	..	..
162 A. B.	Mahoe	Do.	..	..
180 B. C. D.	Crab Tree	Do.	..	..
208 A. B. C. D.	Canto	Do.	..	..
260 A. B.	Almond Tree	Do.	..	..
158 A. B. C. D.	Garlic Pear	Do.	..	..
205 A. B. C. D.	Canturo	Do.	..	..
163 A.	Thespesia Populnea	Do.	..	..
44 A. B. C. D.	Honeysuckle	Victoria	..	..
12 A. B. C. D.	Do.	Do.	..	..
39 A. B. C. D.	Spurious Mulberry Tree	Do.	..	..

TABLE VI.—EXPERIMENTS for ascertaining the CRUSHING WEIGHT in a TRANSVERSE DIRECTION of the FIBRE of the Woods.

Table of Crushing Strains, across the Fibre, showing the Amount yielded at every 1,120 lbs.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
AUSTRIA.											
20 A.	•	—	—	—	—	—	—	—	—	—	No experiments for this country.
20 B.	•	—	—	—	—	—	—	—	—	—	
20 C.	•	—	—	—	—	—	—	—	—	—	
20 D.	•	—	—	—	—	—	—	—	—	—	
21 A.	•	—	—	—	—	—	—	—	—	—	
21 B.	•	—	—	—	—	—	—	—	—	—	
21 C.	•	—	—	—	—	—	—	—	—	—	
22 A.	•	—	—	—	—	—	—	—	—	—	
22 B.	•	—	—	—	—	—	—	—	—	—	
22 C.	•	—	—	—	—	—	—	—	—	—	
22 D.	•	—	—	—	—	—	—	—	—	—	
24 A.	•	—	—	—	—	—	—	—	—	—	
24 B.	•	—	—	—	—	—	—	—	—	—	
24 Ag.	•	—	—	—	—	—	—	—	—	—	
24 Bg.	•	—	—	—	—	—	—	—	—	—	
BRITISH GUIANA.											
4 A.	Wadaduri, or Monkey Nut	•087	•153	•233 s	•	•	•	•	•	•	4,312
4 B.	Do.	•050	•108	•259 s	•	•	•	•	•	•	4,331
4 C.	Do.	•076	•189	•287 s	•	•	•	•	•	•	4,452
4 D.	Do.	•048	•174	•271	•361 s	•	•	•	•	•	5,040
5 A.	Kakaralli	•	•	•	•	•	•	•	•	•	1,904
5 B.	Do.	•	•	•	•	•	•	•	•	•	10,080
7 A.	Moraballi, or Mooraballi	•069	•206	•328 s	•486	•520	•587	•613	•680	•869	5,356
7 B.	Do.	•087	•137	•237	•321	•304 s	•	•	•	•	5,413
7 C.	Do.	•044	•062	•181 s	•307	•	•	•	•	•	Split half through. Crushed.

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.	
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.			lbs. 10,080.
BRITISH GUIANA.												
7 D.	Moraballi, or Mooraballi											
14 A.	Houbaballi	.024	.008	.278 S	.412	.400	.542	.566	.591	.601	10,080	
14 B.	Do.	.264	.378	.431 S	..	..	..	..	..	..	4,032	
14 C.	Do.	.194 S	..	..	..	..	..	..	..	..	1,508	
14 D.	Do.	.257	.405 S	..	..	..	..	..	..	..	2,520	
15 A.	Mora	..	..	..	..	..	..	..	..	..	1,120	
15 B.	Do.	.050	.171	.297 S	..	..	..	..	..	..	4,452	
15 C.	Do.	..	.019	.091 S	..	..	..	..	..	..	3,096	
15 D.	Do.	.018	.076	.193	.266 S	..	..	..	..	..	1,900	
16 A.	Burneh, Bully, or Bullet Tree	.021	.105 S	.381	.504	.551	.574	.598	.614	.630	10,080	
16 B.	Do.	.009	.022	.098 S	..	..	..	..	..	..	3,612	
16 C.	Do.	.008	.015	.091 S	..	..	..	..	..	..	3,864	
16 D.	Do.	.008	.014	.062 S	..	..	..	..	..	..	3,752	
18 A.	Carabua, or Crab-wood	.144	.305 S	.398 S	..	..	..	..	..	..	3,001	
18 B.	Do.	.027	.222	.465 S	.516	..	..	..	..	..	4,144	
18 C.	Do.	.100	.315	.526	.926	.567	..	..	..	..	4,853	
20 A.	Cumara, or Tonka	.010	.014	.022	.044 S	..	..	..	..	..	6,008	
20 B.	Do.	.000	.014	.027	.068 S	..	..	..	..	..	5,503	
20 C.	Do.	.008	.012	.018	.032	.077 S	..	..	..	..	5,404	
20 D.	Do.	.002	.014	.026	.077 S	..	..	..	..	..	6,803	
23 A.	Green Heart	..	..	..	..	..	..	..	..	..	5,006	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Sipiri, or Green Heart	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..	..	..	..	
23 A.	Do.	..	..	..	..	..	..	..</				

Not split through; went at 1/2 a ton.

Crushed.

1,792

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.	
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.			lbs. 10,080.
BRITISH HONDURAS.												
1 A.	Siricote	·013	·055	·166	·374 s	·484	·491	·534	·552	·572	10,080	A little under the inch in width.
1 B.	Do.	·022	·103	·320	·295	·348	·409	·485 s	·	·	8,661	
1 C.	Do.	·019	·093	·263	·269	·315	·402 s	·431	·	·	8,400	
2 A.	Crundilla	·008	·017	·034	·123 s	·	·	·	·	·	5,544	
2 B.	Do.	·008	·013	·031	·082 s	·	·	·	·	·	5,132	
3 A.	Chicheur	·	·	·	·	·	·	·	·	·	6,272	Split.
3 B.	Do.	·076	·215	·340	·385 s	·469	·069	·080	·097	·706	10,080	} BK. 3. P. 24.
3 C.	Do.	·128	·311 s	·450	·432	·653	·479	·	·	·	7,056	
3 D.	Do.	·133	·298	·370	·410 s	·451	·	·	·	·	5,264	
4 A.	Canasin	·007	·011	·042	·104 s	·	·	·	·	·	4,844	
4 B.	Do.	·008	·016	·073	·158 s	·	·	·	·	·	6,272	
6 A.	Chucrax	·083	·279	·382	·446 s	·479	·	·	·	·	3,353	
6 B.	Do.	·	·054	·	·	·	·	·	·	·	2,454	
8 A.	Pimento	·017	·	·	·	·	·	·	·	·	10,080	
8 B.	Do.	·159	·484 s	·562	·579 s	·600	·614	·628	·638	·653	·	
9 A.	Santa Maria	·402	·501	·	·	·	·	·	·	·	·	
9 B.	Do.	·	·	·	·	·	·	·	·	·	·	
10 A.	Pasak	·	·	·	·	·	·	·	·	·	·	
10 B.	Do.	·	·	·	·	·	·	·	·	·	·	
11 A.	Chucya	·022	·397 s	·512	·559	·602	·632	·658	·670	·683	10,080	Crushed.
11 B.	Do.	·	·	·	·	·	·	·	·	·	·	
13 A.	Bullet Wood	·009	·015	·044	·130 s	·	·	·	·	·	4,592	
13 B.	Do.	·011	·020	·058	·104 s	·169	·	·	·	·	5,706	
14 A.	Tastab	·020	·176	·364 s	·440	·	·	·	·	·	5,544	
14 B.	Do.	·080	·251	·343	·388	·421	·448	·484 s	·	·	8,818	
15 A.	Mahinjul or Mahinjul	·014	·136 s	·	·	·	·	·	·	·	2,576	
15 B.	Do.	·	·	·	·	·	·	·	·	·	·	
16 A.	Subin or Cubin	·039	·145	·232	·280 s	·	·	·	·	·	5,376	
16 B.	Do.	·036	·127	·211	·262	·322 s	·	·	·	·	6,317	
17 A.	Sapodilla	·022	·097	·184 s	·	·	·	·	·	·	4,256	
17 B.	Do.	·	·	·	·	·	·	·	·	·	·	

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
BRITISH HONDURAS.											
18 A.	Kaskat	•001	•197	•327 s	..	..	..	..	..	..	4,368
18 B.	..	..	..	..	..	..	..	..	..	..	..
21 A.	Cacutheone	•008	•011	•016	•027	•064 s	..	..	..	..	6,300
21 B.	Do.	•007	•010	•015	•023	•015 s	..	..	..	..	6,300
21 C.	Do.	•008	•013	•038 s	..	..	..	..	..	..	4,368
21 D.	Do.	•009	•018	•078 s	..	..	..	..	..	..	3,948
22 A.	Yaxnic	•321	•440	•085	•545 s	•572	•590	•609	•624	•587	9,520
22 B.	Do.	•151	•345	•140	•183	•514	•540	•500	•573	•709	10,080
23 A.	Yaxnic or Yaxnig	•327	•456 s	•506	•553	•378	•601	•647	•680	..	10,080
23 B.	Do.	..	..	..	..	..	..	..	..	..	..
25 A.	Robie Blanco	•116	•272	•304	•324	•487	•516 s	•560	•591	..	9,520
25 B.	..	..	..	..	..	..	..	..	..	..	..
CEYLON.											
1 A.	Halmidilli	..	..	..	..	..	..	..	..	..	..
2 A.	Iron or Beef Wood	..	..	..	..	..	..	..	..	..	..
3 A.	Tandrag	..	..	..	..	..	..	..	..	..	..
4 A.	Satin Wood	..	..	..	..	..	..	..	..	..	..
EAST INDIA.											
23 A.	Sumach or Sumach, or Divi-divi Bark.	•174	•319	•400	•444	•476	•580	•516	•532	•552	10,080
23 B.	Do.	..	..	..	..	..	..	..	..	..	..
30 A.	..	•086	•236	•376	•456 s	•188	•324	•576	•600	..	9,520
30 B.	..	•018	•173 s	..	..	..	..	..	..	..	2,800
30 C.	..	•020	•175 s	..	..	..	..	..	..	..	2,464
30 D.	..	•018	•125 s	..	..	..	..	..	..	..	2,576
No experiments for this country.											

Next to 545.  
Nearest heart, and least  
number of veins.  
Started only a little.

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
EAST INDIA.											
72 A.	"	.244	.478 s	.537	.622	.657	.698	.721	.734	.747	10,030
72 B.	"	.320	.532 s	.570	.622	.615	.730	.691	.704	.718	2,912
72 C.	"	.321	.485	.570	.589	.616	..	..	..	..	10,080
75 A.	Mungkidu	.414	.500	.540 s	.562 s	..	..	..	..	..	6,048
75 B.	Do.	.459	.509	.580	.558	..	..	..	..	..	3,115
75 C.	Do.	.392	.472	.514	.558	..	..	..	..	..	5,488
80 A.	"	.065	.094	.090	.232	..	..	..	..	..	4,741
80 B.	"	.067	.011	.067	.136	..	..	..	..	..	5,372
86 A.	Woodupuar	.100	.251 s	..	..	..	..	..	..	..	2,716
86 B.	"	.121	.305 s	..	..	..	..	..	..	..	2,576
104 A.	"	.038	.180 s	..	..	..	..	..	..	..	3,218
104 B.	"	.032	.196	.414	..	..	..	..	..	..	3,890
105 C.	"	..	..	..	..	..	..	..	..	..	..
140 A.	Sandal Wood	.009	.022	.151 s	.300	.430	..	..	..	..	6,048
140 B.	Do.	.025	.179	.337 s	..	..	..	..	..	..	3,696
144 A.	Bengha	..	..	..	..	..	..	..	..	..	..
144 B.	"	..	..	..	..	..	..	..	..	..	..
145 A.	Bon	.008	.015 s	..	..	..	..	..	..	..	2,800
147 A.	Terwah	..	..	..	..	..	..	..	..	..	..
147 B.	"	..	..	..	..	..	..	..	..	..	..
185 A.	Black Wood	.008	.025	.142 s	..	..	..	..	..	..	3,696
185 B.	"	..	..	..	..	..	..	..	..	..	..
1211 A.	Doodhee	.017	.242 s	.484	..	..	..	..	..	..	3,920
1214 B.	"	..	..	..	..	..	..	..	..	..	..
1215 A.	Karoo	.014	.120 s	.273	.370	..	..	..	..	..	4,592
1215 B.	"	..	..	..	..	..	..	..	..	..	..
1219 A.	Toon	..	..	..	..	..	..	..	..	..	..
1219 B.	"	..	..	..	..	..	..	..	..	..	..
1220 A.	Unjun	.013	.036	.059	.102 s	..	..	..	..	..	5,544
1220 B.	"	.010	.085	.086	.166 s	..	..	..	..	..	5,152
1271 A.	Toon	..	..	..	..	..	..	..	..	..	..
1271 B.	"	..	..	..	..	..	..	..	..	..	..

No experiment.

TABLE VI—continued.

[illegible]

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
EAST INDIA, BK. 2. P. 147.													
3,952 A.	Jynmukul -	·055	·252 s	·432	·370	·598	·028	·053	·064	·073	10,080		
3,952 B.	Rohnee -	·006	·015	·027	·106	·176	·248 s	·	·	·	6,832		
3,953 A.	Londya -	·053 s	·	·	·	·	·	·	·	·	1,456		
3,954 A.	Kardahoe -	·011	·100 s	·	·	·	·	·	·	·	8,248		
3,955 A.	Taman -	·115	·354 s	·505	·572	·619	·045	·058	·070	·082	10,080		
3,956 B.	Tine or Sisso	·019	·074	·206	·310	·380	·	·	·	·	6,048		
3,957 A.	Mowah -	·013	·048	·144	·216	·270	·320 s	·	·	·	6,720		
3,957 B.	Siebs Sagoon Teak	·053	·285 s	·	·	·	·	·	·	·	2,404		
4,057 A.	Patticeerea Sagoon	·110 s	·	·	·	·	·	·	·	·	2,165		
4,058 A.	Doodhica Sagoon	·232	·379 s	·	·	·	·	·	·	·	2,716		
4,058 B.	Surreye -	·012	·116 s	·	·	·	·	·	·	·	2,912		
4,059 A.	Jionrassee	·018	·209 s	·377	·	·	·	·	·	·	4,181		
4,060 B.	Dhengkum -	·028	·110 s	·	·	·	·	·	·	·	2,688		
4,061 B.	Saj -	·114	·246	·336	·391 s	·450	·	·	·	·	6,664		
4,062 A.	Beejah -	·013	·136 s	·	·	·	·	·	·	·	3,248		
4,063 A.	Kowah -	·005	·157	·266	·301	·317 s	·434	·	·	·	7,504		
4,064 B.													
4,065 A.													
4,065 B.													

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
EAST INDIA.													
4,665 A.	Chaitoo	·011	·062	·222 s	·	·	·	·	·	·	3,864		
4,666 B.	Trosun	·014	·167	·320 s	·141	·238	·502	·030	·065	·074	10,080		
4,667 B.	Dhowrah	·006	·024	·164 s	·	·	·	·	·	·	3,556		
4,668 A.	Bher	·112	·307 s	·486	·010	·604	·713	·732	·744	·754	10,080	Crushed.	
4,670 A.	Bahul	·009	·019	·105 s	·300	·485	·669	·000	·012	·030	10,080		
4,671 B.	Khumee	·301	·504	·564	·395	·618 s	·	·	·	·	6,334		
4,672 A.	Ironwood	·008	·015	·061 s	·	·	·	·	·	·	3,556		
4,673 B.	Do.	·007	·011	·028 s	·	·	·	·	·	·	3,495		
5,537 A.	Gumuga	·153	·356 s	·	·	·	·	·	·	·	2,928		
5,537 B.	Sal	·01 s	·	·	·	·	·	·	·	·	1,632		
5,538 A.	Trak Sajoon	·203	·340 s	·	·	·	·	·	·	·	2,725		
5,539 B.	Sissoo Black	·014	·053 s	·218	·	·	·	·	·	·	3,556		
5,600 A.	Burdur	·005	·033	·245	·331	·366 s	·	·	·	·	6,654		
5,601 A.	Abloss or Kando	·010	·046	·071	·117	·158	·190	·234	·246 s	·	9,968		
5,601 B.	Assin	·008	·038	·104	·176	·240 s	·357	·	·	·	7,252		
5,602 A.	Gumbarce	·146	·334	·475 s	·	·	·	·	·	·	4,480		
5,602 B.	Jack Punsee	·010	·056	·187 s	·314	·425	·478	·519	·543	·564	10,080	Started only a little.	

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
EAST INDIA.											
5,603 A.	Red Sissou	•012	•040	•139	•242 s	•	•	•	•	•	5,432
5,606 B.											•
5,607 A.	Pensal	•008	•012 s	•	•	•	•	•	•	•	5,175
5,607 B.											•
5,608 A.	Koozom	•013	•298 s	•	•	•	•	•	•	•	2,362
5,608 B.											•
5,609 A.	Keehar	•006	•016	•065	•133 s	•	•	•	•	•	5,264
5,609 B.											•
5,610 A.		•006	•020	•213 s	•	•	•	•	•	•	3,892
5,610 B.											•
5,612 A.	Kokoh	•189 s	•405	•487	•009	•646	•679	•684	•698	•708	10,080 Severe fracture.
5,642 B.											•
5,644 A.	Poukheuma-my-ek-Kysuk	•262	•438	•372	•530	•602	•636	•658	•672	•684	10,080
5,644 B.											•
5,645 A.	Toukatseet	•120	•308 s	•451	•530	•602	•636	•658	•672	•690	10,080
5,645 B.											•
5,647 A.	Khyong-yook	•092	•294	•407	•471	•518 s	•545	•571	•586	•590	10,080
5,647 B.											•
5,648 A.	Nabhay	•144 s	•	•	•	•	•	•	•	•	1,820
5,648 B.											•
5,649 A.	Titseim	•400	•558 s	•633	•671	•	•	•	•	•	5,206
5,649 B.											•
5,650 A.	Pangah	•031 s	•	•	•	•	•	•	•	•	2,128
5,650 B.											•
5,651 A.	Ieln	•247 s	•	•	•	•	•	•	•	•	1,986
5,651 B.											•
7,064 A.	Jural	•	•	•	•	•	•	•	•	•	6,504
7,064 B.											•
7,065 A.	Gaham Bada	•009	•021	•154 s	•	•	•	•	•	•	•
7,065 B.											•
7,066 A.	Rungas	•087	•237	•453 s	•520	•	•	•	•	•	•
7,066 B.											•

Only went at sides a little.

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.	
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.				
EAST INDIA.														
7,067 A.	Bia-bahi	..	..	..	..	..	..	..	..	..	..	..	2,203	
7,067 B.	Bahkoh	..	..	..	..	..	..	..	..	..	..	..	..	
7,070 A.	Bahkoh	..	..	..	..	..	..	..	..	..	..	..	..	
7,070 B.	Bahkoh	..	..	..	..	..	..	..	..	..	..	..	..	
7,071 A.	Murbow	..	..	..	..	..	..	..	..	..	..	..	..	
7,071 B.	Murbow	..	..	..	..	..	..	..	..	..	..	..	..	
7,072 A.	Kiet	..	..	..	..	..	..	..	..	..	..	..	..	
7,072 B.	Kiet	..	..	..	..	..	..	..	..	..	..	..	..	
7,073 A.	Jennalang	..	..	..	..	..	..	..	..	..	..	..	..	
7,073 B.	Jennalang	..	..	..	..	..	..	..	..	..	..	..	..	
7,074 A.	Sittola	..	..	..	..	..	..	..	..	..	..	..	..	
7,074 B.	Sittola	..	..	..	..	..	..	..	..	..	..	..	..	
7,075 A.	Dammer-laut	..	..	..	..	..	..	..	..	..	..	..	..	
7,075 B.	Dammer-laut	..	..	..	..	..	..	..	..	..	..	..	..	
7,083 A.	Bintaling	..	..	..	..	..	..	..	..	..	..	..	..	
7,083 B.	Bintaling	..	..	..	..	..	..	..	..	..	..	..	..	
7,089 A.	Kumpas	..	..	..	..	..	..	..	..	..	..	..	..	
7,089 B.	Kumpas	..	..	..	..	..	..	..	..	..	..	..	..	
7,090 A.	Madang Seraf	..	..	..	..	..	..	..	..	..	..	..	..	
7,090 B.	Madang Seraf	..	..	..	..	..	..	..	..	..	..	..	..	
7,092 A.	Madang Seraf	..	..	..	..	..	..	..	..	..	..	..	..	
7,092 B.	Madang Seraf	..	..	..	..	..	..	..	..	..	..	..	..	
7,093 A.	Gidme-reading	..	..	..	..	..	..	..	..	..	..	..	..	
7,093 B.	Gidme-reading	..	..	..	..	..	..	..	..	..	..	..	..	
7,237 A.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,237 B.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,238 A.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,238 B.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,239 A.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,239 B.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,247 A.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,247 B.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,248 A.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,248 B.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,249 A.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,249 B.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,250 A.	..	..	..	..	..	..	..	..	..	..	..	..	..	
7,250 B.	..	..	..	..	..	..	..	..	..	..	..	..	..	

Severe fracture.

Severe fracture.

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
EAST INDIA.													
7,522 A.	Arar	-	-	-	-	-	-	-	-	-	-	-	
7,522 B.	-	-	-	-	-	-	-	-	-	-	-	-	
7,524 A.	Kaitha	•091	•283	•406 s	•	•	•	•	•	•	•	•	4,388
7,524 B.	-	-	-	-	-	-	-	-	-	-	-	-	
7,527 A.	Nseem	•081	•145	•287 s	•	•	•	•	•	•	•	•	3,612
7,527 B.	-	-	-	-	-	-	-	-	-	-	-	-	
7,535 A.	Aum	-	-	-	-	-	-	-	-	-	-	-	
7,535 B.	-	-	-	-	-	-	-	-	-	-	-	-	
7,539 A.	Assu or Assu	•146	•301	•437 s	•	•	•	•	•	•	•	•	
7,539 B.	-	-	-	-	-	-	-	-	-	-	-	-	
7,551 A.	-	•028	•072 s	•	•	•	•	•	•	•	•	•	2,651
7,551 B.	-	-	-	-	-	-	-	-	-	-	-	-	
7,618 A.	Thin Gan	•300 s	•	•	•	•	•	•	•	•	•	•	1,008
7,618 B.	Do.	•131	•844	•436	•480	•504	•529	•553 s	•575	•	•	•	1,735
7,619 A.	Ah Nan	•089	•326	•431 s	•488	•514	•536	•569	•	•	•	•	9,520
7,619 B.	Do.	•012	•	•	•	•	•	•	•	•	•	•	7,808
7,622 A.	Oak An	•012	•185 s	•500	•620	•648	•672	•683	•684	•706	•	•	2,156
7,622 B.	Do.	•012	•217 s	•	•	•	•	•	•	•	•	•	
7,622 C.	Do.	•011	•071	•302 s	•	•	•	•	•	•	•	•	
7,629 A.	Boom Mai Za	•072	•123	•267	•369 s	•	•	•	•	•	•	•	2,772
7,629 B.	Do.	•008	•164	•403	•465	•557	•579	•600	•621	•630	•	•	5,068
7,645 A.	Dhane Eha	•013	•185	•497 s	•465	•557	•579	•600	•673	•685	•	•	4,010
7,645 B.	Do.	•017	•322 s	•521	•597	•628	•646	•700	•716	•727	•	•	10,080
7,671 A.	Tonk Tsa	•051	•256	•481 s	•584	•640	•686	•	•	•	•	•	10,080
7,671 B.	Do.	-	-	-	-	-	-	-	-	-	-	-	
7,674 A.	-	•052	•163	•283	•405 s	•	•	•	•	•	•	•	5,563
7,677 A.	Tseek Tina	•119	•343	•462	•481	•516	•516	•535 s	•	•	•	•	8,372
7,677 B.	Do.	•116	•277	•445	•510	•506	•612	•657	•665	•675	•	•	10,080
8,258 A.	-	-	-	-	-	-	-	-	-	-	-	-	1,008
8,259 A.	Bayang Bada	-	-	-	-	-	-	-	-	-	-	-	
8,259 B.	-	-	-	-	-	-	-	-	-	-	-	-	
9,250 A.	Brangan	-	-	-	-	-	-	-	-	-	-	-	

Went very suddenly.

Crushed.

Crushed.







TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
EAST INDIA.											
10,434 B.	-	-	-	-	-	-	-	-	-	-	-
10,435 A.	Zinyboon	-	-	-	-	-	-	-	-	-	-
10,435 B.	Do.	.375	.448	.505	.549	.575 s	.602	.729	.737	.746	7,700
10,436 A.	Nasha	.478	.539	.568 s	.589	.606 s	.716	-	-	-	10,080
10,438 A.	Do.	.441	.534	.568 s	.618	.639	-	-	-	-	5,544
10,438 B.	Do.	.393	.550 s	-	-	-	-	-	-	-	5,536
10,440 A.	Bannu	.010	.030	.239 s	-	-	-	-	-	-	3,000
10,440 B.	-	-	-	-	-	-	-	-	-	-	3,472
10,445 A.	Dedcap Tha	-	-	-	-	-	-	-	-	-	-
10,445 B.	Do.	.090	.031	.182 s	-	-	-	-	-	-	3,864
10,475 A.	Manee Auka	.010 s	-	-	-	-	-	-	-	-	1,717
10,475 B.	Do.	.028	.327	.421	.514 s	.592	-	-	-	-	6,197
10,476 A.	Negro Tha	.092	.359 s	.477	.532	.579	.640	.673	.680	.695	10,080
10,476 B.	Do.	.247	.385 s	.504	.537	.608	.636	.663	.679	.678	10,080
10,477 A.	Kuy Yoob	.015	.029	.138 s	-	-	-	-	-	-	3,845
10,477 B.	Do.	.029	.080	.173	.253 s	.296	-	-	-	-	6,384
10,477 C.	Do.	.012	.026	.070	.117	.166	.210 s	-	-	-	7,003
10,478 A.	Nat Gyee	.019	.048	.091	.164 s	-	-	-	-	-	5,525
10,478 B.	Do.	.010	.018	.032 s	-	-	-	-	-	-	4,452
10,478 C.	Do.	.048	.226 s	-	-	-	-	-	-	-	2,856
10,491 A.	Zangyeecal-doup	.043	.230 s	.456	.487	-	-	-	-	-	3,732
10,491 B.	Do.	.014	.046	.075 s	.487	-	-	-	-	-	5,189
10,492 A.	Pure Tha	.019	.125	.254	.330	.373	.425 s	-	-	-	3,136
10,492 B.	Do.	.009	.019 s	-	-	-	-	-	-	-	3,920
10,495 A.	Padonk	.069	.025	.131 s	-	-	-	-	-	-	2,716
10,495 B.	Do.	.009	.017	.101 s	-	-	-	-	-	-	3,130
10,495 C.	Do.	.017	.101 s	-	-	-	-	-	-	-	3,584
10,499 A.	Kya Ya	.012	.049 s	-	-	-	-	-	-	-	-
10,499 B.	Do.	.012	.091	.416 s	-	-	-	-	-	-	-
2,462 A.	Balaw	-	-	-	-	-	-	-	-	-	-
2,462 B.	Do.	-	-	-	-	-	-	-	-	-	-

Split.



TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
JAMAICA.													
164 B.	Blood or Iron Wood	..	..	..	..	..	..	..	..	..	..	2,733	
164 C.	Do.	..	..	..	..	..	..	..	..	..	..	3,160	
164 D.	Do.	..	..	..	..	..	..	..	..	..	..	10,980	
169 A.	Red Wood	..	..	..	..	..	..	..	..	..	..	10,980	
169 B.	Do.	..	..	..	..	..	..	..	..	..	..	10,980	
169 C.	Do.	..	..	..	..	..	..	..	..	..	..	2,912	
169 D.	Do.	..	..	..	..	..	..	..	..	..	..	1,736	
189 B.	Jack Fruit	..	..	..	..	..	..	..	..	..	..	10,080	
189 A.	Do.	..	..	..	..	..	..	..	..	..	..	10,080	
189 C.	Do.	..	..	..	..	..	..	..	..	..	..	10,080	
189 D.	Do.	..	..	..	..	..	..	..	..	..	..	10,080	
201 A.	Red Candle Wood	..	..	..	..	..	..	..	..	..	..	3,808	
201 B.	Do.	..	..	..	..	..	..	..	..	..	..	3,771	
201 C.	Do.	..	..	..	..	..	..	..	..	..	..	3,380	
208 A.	Canito	..	..	..	..	..	..	..	..	..	..	..	No experiments.
208 B.	Do.	..	..	..	..	..	..	..	..	..	..	..	
208 C.	Do.	..	..	..	..	..	..	..	..	..	..	..	
208 D.	Do.	..	..	..	..	..	..	..	..	..	..	..	
210 A.	do.	..	..	..	..	..	..	..	..	..	..	3,808	
210 B.	do.	..	..	..	..	..	..	..	..	..	..	5,572	
210 C.	do.	..	..	..	..	..	..	..	..	..	..	3,808	
212 A.	Jamaica Ebony, var. Black Heart	..	..	..	..	..	..	..	..	..	..	10,080	
212 B.	do.	..	..	..	..	..	..	..	..	..	..	15,384	
216 A.	Do.	..	..	..	..	..	..	..	..	..	..	7,280	
216 B.	Do.	..	..	..	..	..	..	..	..	..	..	7,335	
216 C.	Do.	..	..	..	..	..	..	..	..	..	..	9,908	
216 D.	Do.	..	..	..	..	..	..	..	..	..	..	9,184	
218 A.	Do.	..	..	..	..	..	..	..	..	..	..	3,432	
218 B.	Do.	..	..	..	..	..	..	..	..	..	..	4,293	
223 A.	Brazil-eto	..	..	..	..	..	..	..	..	..	..	4,366	
223 B.	Do.	..	..	..	..	..	..	..	..	..	..	5,068	
223 C.	Do.	..	..	..	..	..	..	..	..	..	..	..	



TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
JAMAICA.													
320 A.	Yoke Wood	—	—	—	—	—	—	—	—	—	—	10,080	Severe fracture.
320 B.	Do.	—	—	—	—	—	—	—	—	—	—	6,406	Severe fracture.
324 A.	Santa Maria	—	—	—	—	—	—	—	—	—	—	10,080	
324 B.	Do.	—	—	—	—	—	—	—	—	—	—	788	
326 A.	Red Wood	—	—	—	—	—	—	—	—	—	—	782	
326 B.	Do.	—	—	—	—	—	—	—	—	—	—	5,132	
328 A.	Black Bullet Tree	—	—	—	—	—	—	—	—	—	—	3,892	
328 B.	Do.	—	—	—	—	—	—	—	—	—	—	2,576	
328 C.	Galla Pear	—	—	—	—	—	—	—	—	—	—	2,433	
329 A.	Do.	—	—	—	—	—	—	—	—	—	—	—	
329 B.	Do.	—	—	—	—	—	—	—	—	—	—	—	
329 C.	Do.	—	—	—	—	—	—	—	—	—	—	—	
332 A.	Hog Berry	—	—	—	—	—	—	—	—	—	—	1,650	
332 B.	Do.	—	—	—	—	—	—	—	—	—	—	4,116	
332 C.	Do.	—	—	—	—	—	—	—	—	—	—	10,080	
332 D.	Do.	—	—	—	—	—	—	—	—	—	—	724	
338 A.	Spanish Elm	—	—	—	—	—	—	—	—	—	—	754	
338 B.	Do.	—	—	—	—	—	—	—	—	—	—	4,900	
338 C.	Do.	—	—	—	—	—	—	—	—	—	—	10,080	
339 A.	Naseberry Bullet Tree	—	—	—	—	—	—	—	—	—	—	10,080	
339 B.	Do.	—	—	—	—	—	—	—	—	—	—	4,432	
339 C.	Do.	—	—	—	—	—	—	—	—	—	—	4,900	
339 D.	Do.	—	—	—	—	—	—	—	—	—	—	5,012	
341 A.	Iron Wood	—	—	—	—	—	—	—	—	—	—	4,443	
343 A.	Canada Wood	—	—	—	—	—	—	—	—	—	—	8,064	
343 B.	Do.	—	—	—	—	—	—	—	—	—	—	—	
343 C.	Do.	—	—	—	—	—	—	—	—	—	—	—	
346 A.	Wild Orange	—	—	—	—	—	—	—	—	—	—	6,008	
346 B.	Do.	—	—	—	—	—	—	—	—	—	—	6,468	
350 A.	Green Heart	—	—	—	—	—	—	—	—	—	—	4,256	
350 B.	Do.	—	—	—	—	—	—	—	—	—	—	5,488	
351 A.	Musk Wood	—	—	—	—	—	—	—	—	—	—	6,406	
354 A.	Sweet Wood	—	—	—	—	—	—	—	—	—	—	5,301	

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
JAMAICA.											
354 B.	Sweet Wood	—	—	—	—	—	—	—	—	—	4,032
355 A.	Black Rosewood	•072	•258	•300 s	•130	•	•	•	•	•	5,124
355 B.	Do.	•066	•020	•006	•109	•	•	•	•	•	5,432
356 A.	White Rosewood	•008	•011	•035	•164	•	•	•	•	•	4,816
356 B.	Do.	•022	•088	•164	•220 s	•	•	•	•	•	4,076
358 A.	Do.	•020	•082	•186	•280 s	•	•	•	•	•	—
358 B.	Do.	—	—	—	—	—	—	—	—	—	6,272
363 A.	Beech Wood	•012	•044	•168	•260	•373	•	•	•	•	—
363 B.	—	—	—	—	—	—	—	—	—	—	—
365 A.	Wild Cinnamon	•094	•300	•898	•500 s	•	•	•	•	•	4,502
365 B.	Do.	•339	•138	•408	•532 s	•	•	•	•	•	3,544
367 A.	White Cedar	•318	•456	•506	•550	•576	•	•	•	•	6,008
367 B.	Do.	•212	•484	•	•	•	•	•	•	•	3,220
371 A.	White Torch	•013	•087	•275	•385 s	•384	•	•	•	•	3,211
371 B.	Do.	•015	•134	•	•	•	•	•	•	•	6,946
371 C.	Do.	•011	•100 s	•	•	•	•	•	•	•	3,061
371 D.	Do.	•015	•094	•227	•314	•885 s	•	•	•	•	6,160
372 A.	Red Apple	•015	•080 s	•	•	•	•	•	•	•	3,192
372 B.	Do.	•030	•137	•365 s	•	•	•	•	•	•	2,752
376 A.	Blood-red Wood, or Mahogany.	•002	•230	•390	•484	•	•	•	•	•	5,040
376 B.	Do.	•002	•208	•440	•483	•301	•015	•032	•048	•67 1/2	10,080
378 A.	Fir Tree, Wild	—	—	—	—	—	—	—	—	—	—
381 A.	Black Mahogany, or Blood-red Wood.	•082	•280 s	•392	•	•	•	•	•	•	4,480
384 B.	Do.	•033	•265	•450 s	•534	•580	•017	•044	•060	•675	10,080
384 C.	Do.	•019	•147 s	•	•	•	•	•	•	•	2,800
384 D.	Do.	•075	•240	•375	•375	•536	•012	•053	•060	•683	10,080
397 A.	Star Apple	—	—	—	—	—	—	—	—	—	—
LIBERIA.											
7 C.	Wissimere	•080	•222	•377 s	•453	•26	•	•	•	•	6,160
7 B.	Do.	•089	•261	•375	•483 s	•	•	•	•	•	5,928

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
LIBERIA.													
7 C.	Whismore	•283	•412	•478	•512	•554	•553 s	•570	•	•	8,512		
10 A.	Cedar	•016 s	•086 s	•	•	•	•	•	•	•	2,181		
10 B.	Do.	•020	•035 s	•	•	•	•	•	•	•	2,464		
10 C.	Do.	•013	•035 s	•	•	•	•	•	•	•	2,688		
11 A.	Black Gum	•016	•106	•219 s	•	•	•	•	•	•	8,556		
11 B.	Do.	•018 s	•	•	•	•	•	•	•	•	2,044		
11 C.	Do.	•032	•170 s	•	•	•	•	•	•	•	2,763		
15 A.	Bare Wood	•178	•634 s	•648	•692	•769	•720	•730	•741	•748	10,080	Severe fracture.	
15 B.	Do.	•181 s	•	•	•	•	•	•	•	•	1,314		
15 C.	Do.	•030 s	•	•	•	•	•	•	•	•	2,091		
15 D.	Do.	•020	•510 s	•573	•613	•637	•652	•666	•684	•694	10,080	Severe fracture.	
16 A.	Cherry Wood	•352	•461	•504	•539	•555 s	•	•	•	•	6,159		
16 B.	Do.	•189	•380	•428 s	•	•	•	•	•	•	4,669		
17 A.	Brimstone	•064	•536 s	•	•	•	•	•	•	•	2,624		
17 B.	Do.	•021 s	•	•	•	•	•	•	•	•	2,053		
18 A.	Box Wood	•012	•025	•040	•191 s	•	•	•	•	•	5,525		
18 B.	Do.	•011	•022	•090	•185 s	•	•	•	•	•	5,012		
19 B.	Cedar	•130	•351	•530 s	•	•	•	•	•	•	3,360		
19 C.	Do.	•250	•414	•	•	•	•	•	•	•	2,715		
20 A.	Mahogany	•263	•497	•819	•653	•681	•701	•714	•730	•744	10,080		
20 A.	Do.	•388	•598	•559	•594	•601	•630	•644	•657	•680	10,080		
20 A.	Do.	•212	•304	•568	•628	•638	•693	•692	•708	•718	10,080		
20 A.	Do.	•	•	•	•	•	•	•	•	•	1,664		
20 A.	Ironwood	•003	•159	•279 s	•379	•	•	•	•	•	4,928		
20 B.	Do.	•013	•128 s	•	•	•	•	•	•	•	2,427		
20 C.	Do.	•008	•013 s	•	•	•	•	•	•	•	3,108		
21 A.	Black Oak	•224	•339	•	•	•	•	•	•	•	3,276		
21 B.	Do.	•138	•259 s	•	•	•	•	•	•	•	3,192		
21 C.	Do.	•251	•212 s	•	•	•	•	•	•	•	2,601		
21 D.	Do.	•211	•350 s	•	•	•	•	•	•	•	714		
22 A.	Mahogany	•281	•425	•510 s	•548	•568	•593	•654	•706	•714	10,080		
22 B.	Do.	•315	•435	•503	•547 s	•572	•605	•634	•702	•714	10,080		





TABLE VI.—continued.

TABLE VI.—continued.											
No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
NEW SOUTH WALES, N.											
25 C.	-	.414	.566	.540	.576	.800 s	.647	..	..	7,131	Severe fracture.
25 D.	-	..	..	..	..	..	..	..	..	..	
26 A.	Cherry of the Clarence	.116	.330	.477 s	.571	.950	.685	.681	.700	10,080	
26 B.	Do.	.191	.350	.426	.532 s	.580	..	..	..	6,384	
27 A.	Native Tamarind	.166	.634 s	.680	..	..	..	..	..	1,456	
27 B.	Do.	.127 s	..	..	..	..	..	..	..	2,632	
27 C.	Do.	.140	.455 s	..	..	..	..	..	..	4,256	
28 A.	Native Plum	.066	.016	.064 s	..	..	..	..	..	5,328	
28 B.	Do.	.068	.033	.112 s	..	..	..	..	..	3,924	
28 C.	Do.	.062	.073 s	..	..	..	..	..	..	4,380	
28 D.	Do.	.028	.158	.223 s	..	..	..	.682	..	8,621	
35 A.	U. d. umb.	.351	.597	.560	.596 s	.621	.642	.650	.650	10,080	
35 B.	Do.	.460	.348	.379	.603	.618	.630	..	..	1,256	
36 A.	Larriac	.020	.171 s	.334	..	..	..	..	..	3,420	
36 B.	Do.	.015	.132	.270	..	..	..	..	..	5,115	
40 A.	U. d. ac.	.012	.083	.102	.324 s	..	..	..	..	5,432	
40 B.	Do.	.010	.018	.100	.334 s	..	..	..	..	3,920	
40 C.	Do.	.008	.018	.132 s	..	..	..	..	..	6,668	
43 A.	Native Orange	.034	.197	.298	.348	.422 s	..	..	..	6,272	
43 B.	Do.	.019	.133	.258	.332 s	.410	.502	..	..	6,832	
43 C.	Do.	.029	.280	.400 s	.438	.474	..	..	..	7,728	
44 A.	Black Myrtle	.042 s	.282	..	..	..	.507 s	..	..	5,430	
44 B.	Do.	.226	.400	.455	.500	.524	..	..	..	6,29	
45 A.	Clarence and Richmond Brush	.104	.301	.406	.530 s	.567	.588	.603	.617	10,080	
45 B.	Do.	.028	.146	.265	.346 s	.467	.510	..	..	7,672	
47 A.	Rosewood	.103	.246	.358	.420	..	..	..	..	..	
47 B.	Do.	..	..	..	..	..	..	..	..	..	
47 C.	Do.	.118	.290	.378	.430	.459 s	.517	.564	.614	10,080	
47 D.	Do.	..	..	..	..	..	..	..	..	3,080	
51 A.	Forest Cedar	.040	.382 s	..	..	..	..	..	..	2,198	
51 B.	Do.	.032	.272	..	..	..	..	..	..	..	
51 C.	Do.	..	..	..	..	..	..	..	..	..	
51 D.	Do.	.016	..	..	..	..	..	..	..	1,512	

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
NEW SOUTH WALES, N.													
53 A.	<i>Carissa ovata</i> .	.013	.102 s	.252 s	.386	.523	.655	.663	.680	.698	3,304		
53 B.	Do.	.022	.133	.216	.278	.314	.333	.383 s	..	..	10,080		
54 A.	<i>Schmidia pyramidalis</i>	.023	.124	.210 s	..	..	..	..	..	..	7,877		
54 B.	Do.	.010	.048	.201 s	..	..	..	..	..	..	4,312		
60 A.	<i>Hickory Lignum Vitæ</i>	.008	.034	.214 s	..	..	..	..	..	..	4,480		
60 B.	Do.	.074	.284	.376	.433 s	.486	..	..	..	..	4,004		
61 A.	<i>Flindosa</i>	.041	.231	.400 s	..	..	..	..	..	..	6,632		
61 B.	Do.	.138	.828	.400	.443	.408	.462	.516 s	..	..	3,384		
61 C.	Do.	.119	.890	.431 s	.437	..	..	..	..	..	8,736		
61 D.	Do.	.068	.019	.077	.172 s	..	..	..	..	..	5,572		
63 A.	<i>Flintamendosa</i>	.018	.132 s	..	..	..	..	..	..	..	3,192		
63 B.	Do.	.008	.025 s	..	..	..	..	..	..	..	3,218		
64 A.	<i>Tea Tree</i>	.008	.048 s	..	..	..	..	..	..	..	1,080		
64 B.	Do.	.008	.048 s	..	..	..	..	..	..	..	2,846		
66 A.	<i>Bastard Myall</i>	.082	.249 s	..	..	..	..	..	..	..	3,413		
66 B.	Do.	.007	.015	.086 s	.244	.373 s	.435	..	..	..	6,720		
67 A.	Do.	.009	.020	.125	.338 s	..	..	..	..	..	4,676		
67 B.	<i>Pine Brush</i>	.884	.527	.590	.638 s	..	..	..	..	..	3,948		
68 A.	Do.	.403	.530	.587 s	..	..	..	..	..	..	10,080		
68 B.	Found at Clarence and Richmond Brush Forest.	.022	.210 s	.428	.516	.571	.594	.639	.650	.670	3,360		
69 A.	Do.	.010	.148	.409 s	..	..	..	..	..	..	3,076		
69 B.	<i>Swamp Oak</i>	.008	.094	.178 s	.260	..	..	..	..	..	5,301		
71 A.	Do.	.013	.047	.179	.266	..	..	..	..	..	6,244		
71 B.	<i>White Myrtle</i>	.010	.048	.179	.104	.253	..	..	..	..	4,928		
74 A.	Do.	.031	.114	.194	.194	..	..	..	..	..	5,077		
74 B.	<i>Iron Bark of the Clarence</i>	.008	.015	.048	.113 s	..	..	..	..	..	6,104		
77 A.	Do.	.010	.018	.058	.093 s	..	..	..	..	..	5,376		
77 B.	Do.	.011	.088	.215	.306	.333 s	..	..	..	..	6,493		
84 A.	<i>Marble Wood</i>	.015	.124	.290 s	.388	..	..	..	..	..			
84 B.	Do.	.016	.086	.183	.263	.315 s	..	..	..	..			
88 A.	Found in the Brush Forests on the Clarence.												

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
NEW SOUTH WALES, N.											
88 B.	Found in the Brush Forests on the Clarence.	.016	.086	.108	.250	.314	.344 s	..	..	..	6,944
89 A.	Do.	.011	.046	.210 s	..	..	..	..	..	..	4,368
89 B.	Do.	.015	.090	.212	.312 s	..	..	..	..	..	5,292
93 A.	Celtis Opaca	.016	.083	.170 s	.532	.596	.697	.658	.003	.716	10,080
93 B.	Do.	.134	.392	.140 s	.700	.543	.577	.620	.680	.685	10,080
102 A.	Flooded Gum	.090 s	.391	.344	.302	.019	.034	.053	.044	.074	10,080
102 B.	Do.	.082	.246 s	.302	.564	.586	.607	.625	.638	.656	10,080
102 C.	Do.	.170	.205 s	.479	..	..	..	..	..	..	3,320
102 D.	Do.	.060	.020 s	.170	.575	.509	.618	.639	.655	.667	10,080
103 A.	Gray Gum	.008	.022	..	..	..	..	..	..	..	3,652
103 B.	Do.	.007	.022	..	..	..	..	..	..	..	3,164
104 A.	Bitter Bark	.170	.325	.402 s	..	..	..	..	..	..	5,124
104 B.	Do.	.078	.295 s	.460	..	..	..	..	..	..	3,892
105 A.	Light Yellow Wood	.184	.473 s	.564	..	..	..	..	..	..	4,004
105 B.	Do.	.213	.397	.516 s	.588	..	..	..	..	..	5,514
106 A.	Ironwood	.014	.088	.180 s	..	..	..	..	..	..	4,181
106 B.	Do.	.015	.107	.202 s	..	..	..	..	..	..	4,032
109 A.	Swamp Mahogany	.032	.145	.247 s	.324	..	..	..	..	..	5,763
109 B.	Do.	.084	.237	.365 s	.477	..	..	..	..	..	5,488
111 A.	Water Gum	.012	.077	.240 s	.404	..	..	..	..	..	5,432
111 B.	Do.	.013	.075	.204	.326 s	.438	.370	.410 s	..	..	6,384
111 C.	Do.	.024	.118	.226	.292	.357	.382 s	.400	..	..	8,024
111 D.	Do.	.016	.070	.184	.254	.318	..	..	..	..	8,101
114 A.	Brush Iron Bark	.012	.275 s	..	..	..	..	..	..	..	2,752
114 B.	Do	.023	.246 s	..	..	..	..	..	..	..	2,988
NEW SOUTH WALES, S.											
1 A.	White or Pale Iron Bark	.007	.010	.018	.051	.114	..	..	..	..	5,656
1 B.	Do.	.004	.008	.016	.017	.136	..	..	..	..	5,292
1 C.	Do.	.008	.012	.022	.052	.184	..	..	..	..	5,188



TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of						Crushing Weight in Pounds.	REMARKS.	
		lbs. 1,150.	lbs. 2,210.	lbs. 3,300.	lbs. 4,180.	lbs. 5,600.	lbs. 7,840.			lbs. 10,080.
NEW SOUTH WALES, S.										
12 B.	True or Yellow Box of Camden-									
12 C.	Do.	.012	.036	.157	.204	.248	.276	..	..	Very good sunsh.
13 A.	Do.	.020	.065	.166	..	..	..	..	..	
13 B.	Bestard Box	.009	.019	.076	.380	.478	.539	..	..	Crushed.
13 C.	Do.	.008	.011	.064	..	..	..	..	..	
13 D.	Do.	.006	.011	.082	..	..	..	..	..	
13 E.	Do.	.008	.017	..	..	..	..	..	..	
13 F.	Do.	.010	.044	.142	..	..	..	..	..	
13 G.	Do.	.007	.015	..	..	..	..	..	..	
13 H.	Do.	.009	.045	..	..	..	..	..	..	
13 I.	Do.	.008	.014	..	..	..	..	..	..	
13 J.	Do.	.021	.103	.188	..	..	..	..	..	
13 K.	Do.	.030	.224	.330	.390	.534	.580	.650	..	Crushed.
13 L.	Do.	.017	.109	.350	.188	.354	.580	.650	..	Crushed.
13 M.	Fluted Gum	.140	.350	.476	.535	.598	.805	..	..	Crushed.
17 A.	Black Cat Curroo	.008	.014	.053	.229	..	..	..	..	
17 B.	Do.	.012	.029	.083	.437	.500	..	..	..	
17 C.	Do.	.010	.030	.089	.196	..	..	..	..	
17 D.	Do.	.008	.076	..	..	..	..	..	..	
18 A.	Blue Gum of Coast Districts	.104	.318	.492	..	..	..	..	..	Crushed.
18 B.	Do.	.142	.372	.466	.534	.563	..	..	..	Do.
18 C.	Do.	.196	.505	.608	..	..	..	..	..	Do.
19 A.	Blue Gum of Camden	.013	.080	.332	.454	.498	.529	.580	..	Do.
19 B.	Do.	.011	.054	.380	.504	.514	.554	..	..	Do.
19 C.	Do.	.010	.054	.376	.520	.520	.558	..	..	Do.
19 D.	Do.	.015	.057	.237	.432	.489	..	..	..	Do.
20 A.	Blue Gum	.010	.057	.216	.448	..	.530	..	..	Do.
20 B.	Do.	.012	.035	.206	.276	.340	.462	.527	.548	
21 A.	Blue Gum	.012	.044	.173	..	..	..	..	..	
21 B.	Do.	.012	.051	.150	.183	.242	.387	.456	.618	
21 C.	Do.	.019	.080	.128	.306	.387	.440	.470	.655	

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of							Crushing Weight in Pounds.	REMARKS.	
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.			
NEW SOUTH WALES, S.											
21 D.	Blue Gum -	·014	·040	·110	·184	·250	·328	·	·	3,790	
23 A.	Grey Gum -	·010	·020	·068						6,244	
23 B.	Do.	·012	·035	·121						4,368	
24 A.	Woolly Butt of Hawarra	·014	·312							2,072	
24 B.	Do.	·035	·238							2,016	
25 A.	Rough-barked Gum	·010	·048	·133						3,804	
25 B.	Do.	·010	·070	·270						3,752	
25 C.	Do.	·000	·018	·168						3,808	
25 D.	Do.	·009	·016	·104						4,250	
26 C.	Spotted or Mottled Gum	·017	·125	·402						3,248	
26 D.	Do.	·008	·007							2,800	
27 A.	Black Butt Gum -	·051	·397	·552	·581	·901	·020	·683	·647	10,080	
27 B.	Do.	·020	·453							1,568	
27 C.	Do.	·042								1,680	
27 D.	Do.	·080								3,248	
37 A.	Eucalyptus, sp.	·011	·035	·276						3,636	
37 B.	Do.	·010	·030	·136						3,752	
37 C.	Do.	·010	·020	·125						3,920	
37 D.	Do.	·008	·015	·054						3,772	
38 A.	Grey Gum from Brisbane Water	·010	·054							2,632	
38 B.	Do.	·014	·078							2,688	
38 C.	Do.	·012	·050							2,884	
38 D.	Do.	·013	·085							2,632	
40 A.	Messmate	·027	·192							3,164	
40 B.	Do.	·016	·132							2,464	
40 C.	Do.	·014	·171							2,800	
40 D.	Do.	·014	·131							10,080	
42 A.	Swamp Mahogany	·016	·120	·348	·400	·404	·520	·548	·572	10,080	
42 B.	Do.	·014	·336	·495	·568	·555	·004	·029	·640	3,052	
42 C.	Do.	·002	·202	·384						10,080	
43 A.	Do.	·082	·522	·581	·592	·620	·043	·055	·084	10,080	
43 B.	Do.	·135	·520	·581	·654	·608	·678	·088	·697	10,080	







TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
QUEENSLAND.													
4 A.	Cypress Pine	242	412	463	490	505	515	528	540	552	9,744	Good fracture.	
5 A.	Shi Pine	458	520	550	568	581	593	601	609	622	10,080		
5 B.	Do.												
5 Aa.	Do.	250	449	511	554	584	575	587	595	602	10,080	Good fracture.	
5 Ab.	Do.	378	504	546	570	536	568	608	618	630	10,080		
6 A.	Forest Oak	003	010	019	019	019	019	019	019	019	3,920	Good fracture.	
6 B.	Do.	010	020	057	100	132	165	188	215	268	9,912		
6 Aa.	Do.	104	234	322	416	445	501	501	501	501	6,272	s. Started here.	
6 Ab.	Do.												
7 A.	River Oak	049	186	289 s	363	363	363	363	363	363	1,568	Very good fracture.	
8 A.	Shingle Oak	057	186	289 s	363	363	363	363	363	363	1,568		
8 Aa.	Do.	057	186	289 s	363	363	363	363	363	363	1,568	Good fracture.	
8 Ab.	Do.	242	354	398	455	462	488	558	476	442	10,080		
9 A.	Swamp Oak	252	385	388	414	432	454	464	476	442	10,080	Good fracture.	
9 B.	Do.	010	015	026	052	080	108	132	161	161	9,212		
10 A.	Red Cedar	008	014	026	076	140	140	140	140	140	5,600	Good fracture.	
10 B.	Do.	436	558	620	644	666	678	689	700	716	10,080		
10 Aa.	Do.	387	508	558	586	608	627	638	650	650	9,856	Good fracture.	
10 Ab.	Do.	408	526	579	604	626	639	650	660	675	10,080		
11 A.	Light Yellow Wood	461	570	620	642	662	676	688	700	723	10,080	Good fracture.	
11 B.	Do.	352	444	499	534	554	574	584	594	604	6,384		
11 Aa.	Do.	264	449	534	653	673	685	695	708	741	10,080	Good fracture.	
11 Ab.	Do.	280	454	521	607	633	656	670	684	696	10,080		
12 A.	Findosa	253	402	503	584	633	656	670	684	696	10,080	Good fracture.	
12 B.	Do.	010	083	083	083	083	083	083	083	083	2,277		
12 Aa.	Do.	012	082	082	082	082	082	082	082	082	2,408	Good fracture.	
12 Ab.	Do.	013	117	117	117	117	117	117	117	117	2,352		
13 A.	Do.	174	338	392	441	487	524	524	524	524	2,963	Good fracture.	
13 B.	Do.	223	340	397	434	466	466	466	466	466	6,356		
13 Aa.	Do.	152	309	382	420	420	420	420	420	420	6,384	Good fracture.	
13 Ab.	Do.	198	312	395	407	423	452	452	452	452	6,804		

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
QUEENSLAND.												
14 A.	-	455	540	610	688	729	744	765	778	784	4,256	Severe fracture.
14 B.	-	416	513	588	658	729	744	765	778	784	4,366	
15 A.	Silky Oak	400	500	595	678	755	772	785	791	810	10,080	
15 Aa.	Do.	464	562	604	729	755	772	785	791	810	10,080	
16 A.	Beef Wood	365	453	528	558	624	637	657	667	682	8,400	Good tough fracture.
16 B.	Do.	478	589	578	607	627	640	654	667	682	10,080	
16 Aa.	Do.	448	532	618	646	672	704	704	715	729	10,080	
16 Ab.	Do.	447	509	551	571	595	610	644	667	7420	5,600	
17 A.	Tulip Tree	213	319	386	430	511	511	511	511	511	6,354	Slight dry rot.
17 B.	Do.	255	353	418	456	517	517	517	517	517	6,354	
17 Aa.	Do.	235	344	437	494	585	606	606	606	606	7,392	
17 Ab.	Do.	304	359	387	400	400	400	400	400	400	4,480	
18 A.	-	-	-	-	-	-	-	-	-	-	-	Severe fracture.
18 B.	-	-	-	-	-	-	-	-	-	-	-	
19 A.	Light Wood	024	179	320	427	427	427	427	427	427	4,928	
19 B.	Do.	016	167	200	200	200	200	200	200	200	3,248	
19 Aa.	Do.	080	200	200	200	200	200	200	200	200	3,304	Severe fracture.
19 Ab.	Do.	024	180	200	200	200	200	200	200	200	3,082	
20 A.	Callithum	010	017	064	107	107	107	107	107	107	3,360	
20 B.	Do.	006	012	044	107	107	107	107	107	107	5,376	
20 Aa.	Do.	258	464	600	645	670	688	709	727	744	3,080	Severe fracture.
20 Ab.	Do.	241	463	600	645	670	688	709	727	744	10,080	
20 Ba.	Do.	263	463	624	653	670	688	703	715	734	10,080	
20 Bb.	Do.	263	461	624	653	670	688	703	715	734	10,080	
21 A.	Cabbage Tree	-	-	-	-	-	-	-	-	-	-	Broke, under 1 ton. Broke, under 1 ton.
21 B.	Do.	-	-	-	-	-	-	-	-	-	-	
23 A.	Mountain Ash	018	090	212	354	670	688	709	727	744	4,592	
23 B.	Do.	007	015	137	137	137	137	137	137	137	4,144	
23 Aa.	Do.	019	132	293	354	670	688	709	727	744	4,452	
23 Ab.	Do.	019	132	293	354	670	688	709	727	744	4,452	

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
QUEENSLAND.													
Broad-leaved Cherry Tree													
24 A.	Do.	.008	.027	.110	..	..	..	..	..	..	..	3,976	Severe fracture; dry rot. Do. Severe fracture.
24 B.	Do.	.010	.050	.021	..	..	..	..	..	..	..	3,752	
24 Aa.	Do.	.010	.038	.169	..	..	..	..	..	..	..	3,696	
24 Ab.	Do.	.009	.042	.156	..	..	..	..	..	..	..	3,808	
25 A.	Cherry	.047	.269	.445	..	..	..	..	..	..	..	3,360	
25 B.	Do.	.070	.268	.370	..	..	..	..	..	..	..	4,463	
25 Aa.	Do.	.126	.305	.391	..	..	..	..	..	..	..	6,720	
25 Ab.	Do.	.080	.308	.453	.451	.500	.550	..	..	..	..	4,283	
28 A.	Mangrove	.233	.366	.439	.512	.600	.654	.643	.658	.676	10,080		
28 B.	Do.	.071	.220	.420	.480	.542	.576	.602	.625	.648	10,080		
28 Aa.	Do.	.191	.374	.502	.588	.632	.636	.651	.664	.676	10,080		
28 Ab.	Do.	.121	.263	.398	.506	.575	.603	.622	.640	.655	10,080		
29 A.	Lignum Vitæ	.006	.013	.156	.254	..	..	..	..	..	..	5,544	
29 B.	Do.	.008	.015	.134	..	..	..	..	..	..	..	4,368	
29 Aa.	Do.	.009	.020	.166	.257	.309	.348	..	..	..	..	6,720	
29 Ab.	Do.	.009	.021	.163	.256	.308	..	..	..	..	..	6,580	
30 A.	Beech	.008	.021	.163	.256	.308	..	..	..	..	..	3,750	
30 Aa.	Do.	.408	.512	.580	.575	..	..	..	..	..	..	5,264	
30 Ab.	Do.	.369	.506	.553	..	..	..	..	..	..	..	3,780	
31 A.	White Cedar	.370	.480	.531	.564	..	..	..	..	..	..	5,066	
31 B.	Do.	.342	.433	.486	.553	..	..	..	..	..	..	5,376	
31 Aa.	Do.	.350	.427	.504	.548	.587	..	..	..	..	..	6,720	
31 Ab.	Do.	.348	.454	.510	.561	.612	..	..	..	..	..	6,608	
32 A.	Plum Tree	.016	.018	.386	..	..	..	..	..	..	..	4,368	
32 B.	Do.	.010	.137	..	..	..	..	..	..	..	..	3,080	
32 Aa.	Do.	.016	.201	..	..	..	..	..	..	..	..	2,996	
32 Ab.	Do.	.064	.264	.595	..	..	..	..	..	..	..	2,576	
33 A.	Rosewood	.202	.400	.664	.595	.632	..	..	..	..	..	6,132	
33 B.	Do.	.210	.345	.413	.442	.478	..	..	..	..	..	7,616	
33 Aa.	Do.	.374	.487	.527	.550	.568	..	..	..	..	..	10,080	
33 Ab.	Do.	.166	.406	.567	.613	.638	.668	.680	.695	.707	10,080	Not quite dry.	









TABLE VI.--continued.

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	REMARKS.	
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
QUEENSLAND.													
69 A.	Smooth-barked Gum	118	248 S	329	568	592	611	624	640	653	3,136	Severe fracture.	
69 A.	Do.	963	446 S	529	568	592	611	624	640	653	10,080		
70 A.	Blood Wood	135	245	417	465	551	576	594	618	640	5,077		
70 B.	Do.	168	331 S	417	465	551	576	594	618	640	10,080	Severe fracture.	
70 A.	Do.	118	255	372	464	550	580	616	629	652	3,136		
70 A.	Do.	116	213 S	372	464	550	580	616	629	652	10,080		
71 A.	Swamp Mahogany	118	248 S	329	568	592	611	624	640	653	3,136	Severe fracture.	
71 A.	Do.	963	446 S	529	568	592	611	624	640	653	10,080		
71 B.	Do.	135	245	417	465	551	576	594	618	640	5,077		
71 A.	Do.	118	255	372	464	550	580	616	629	652	10,080	Severe fracture.	
71 A.	Do.	116	213 S	372	464	550	580	616	629	652	10,080		
72 A.	Woody Butt	118	248 S	329	568	592	611	624	640	653	3,136		
72 A.	Do.	963	446 S	529	568	592	611	624	640	653	10,080	Severe fracture.	
72 B.	Do.	135	245	417	465	551	576	594	618	640	5,077		
72 A.	Do.	118	255	372	464	550	580	616	629	652	10,080		
72 B.	Do.	116	213 S	372	464	550	580	616	629	652	10,080	Severe fracture.	
73 A.	Blue Gum	118	248 S	329	568	592	611	624	640	653	3,136		
73 A.	Do.	963	446 S	529	568	592	611	624	640	653	10,080		
73 B.	Do.	135	245	417	465	551	576	594	618	640	5,077	Severe fracture.	
73 A.	Do.	118	255	372	464	550	580	616	629	652	10,080		
73 B.	Do.	116	213 S	372	464	550	580	616	629	652	10,080		
74 A.	Prickly-leaved Tea Tree	118	248 S	329	568	592	611	624	640	653	3,136	Tough fracture.	
74 A.	Do.	963	446 S	529	568	592	611	624	640	653	10,080		
74 B.	Do.	135	245	417	465	551	576	594	618	640	5,077		
75 A.	Do.	118	255	372	464	550	580	616	629	652	10,080	Tough fracture.	
75 B.	Do.	116	213 S	372	464	550	580	616	629	652	10,080		
76 A.	Broad-leaved Tea Tree	118	248 S	329	568	592	611	624	640	653	3,136		
76 A.	Do.	963	446 S	529	568	592	611	624	640	653	10,080	Tough fracture.	
77 A.	Do.	135	245	417	465	551	576	594	618	640	5,077		
77 A.	Do.	118	255	372	464	550	580	616	629	652	10,080		
77 B.	Do.	116	213 S	372	464	550	580	616	629	652	10,080	Tough fracture.	
78 A.	Common Tea Tree	118	248 S	329	568	592	611	624	640	653	3,136		
78 A.	Do.	963	446 S	529	568	592	611	624	640	653	10,080		
79 A.	Do.	135	245	417	465	551	576	594	618	640	5,077	Tough fracture.	
79 A.	Do.	118	255	372	464	550	580	616	629	652	10,080		
80 A.	Do.	116	213 S	372	464	550	580	616	629	652	10,080		
80 B.	Bottle Brush Tree	131	227 S	400	492	535	568	585	612	628	3,388	Dry rotten specimen.	
80 A.	Do.	922	104 S	384	492	535	568	585	612	628	3,388		
80 A.	Do.	925	164 S	384	492	535	568	585	612	628	3,388		
81 A.	Do.	985	278 S	385	492	535	568	585	612	628	3,388		

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
QUEENSLAND.											
81 B.	-	·052	·212	·315	·359 s	·418	·448	—	—	6,720	Dry rotten specimen. Do.
81 A.	-	·024	·182 s	·305	—	—	—	—	—	3,920	
81 A.	-	·059	·239 s	·366	—	—	—	—	—	4,144	
83 A.	Rottlera	·023 s	·365	—	—	—	—	—	—	1,680	Severe fracture.
83 B.	Do.	·053	—	—	—	—	—	—	—	3,024	
83 A.	Do.	·015 s	—	—	—	—	—	—	—	2,240	
83 A.	Do.	·016 s	·441 s	·545	·604	·680	·647	·662	·686	·689	Severe fracture.
84 A.	Satin Wood	·101	·306	·393 s	·460	·516	—	—	—	10,080	
84 B.	Do.	·085	·338	·381 s	·430 s	·476	—	—	—	5,824	
84 A.	Do.	·129	·306	·385	·470	·507	—	—	—	4,116	Dry rotten specimen. Do.
84 A.	Do.	·202	·364	·425	—	—	—	—	—	6,188	
84 A.	Do.	·152	—	—	—	—	—	—	—	6,300	
86 A.	-	—	—	—	—	—	—	—	—	2,044	Severe fracture.
86 B.	-	·573	—	—	—	—	—	—	—	—	
87 A.	Leichhardt's Wood	·480	—	—	—	—	—	—	—	—	
87 B.	Do.	·025	·192	·290 s	·406	—	—	—	—	635	Dry rotten specimen. Do.
88 A.	Bursaria ferruginea	·015	·126	·244	·306	—	—	—	—	4,928	
88 B.	Do.	·023	·186	·286 s	·380	—	—	—	—	5,264	
88 A.	Do.	·018	·140 s	·386	—	—	—	—	—	5,320	Severe fracture.
88 A.	Do.	·046	·225	·318	·370	·412 s	—	—	—	3,752	
89 A.	Bursaria spinosa	·103	·270	·352	·383	·413 s	·460	—	—	6,533	
89 B.	Do.	·010	·049	·163	—	—	—	—	—	—	Severe fracture.
90 A.	N. O. Pittosporacæ?	·010	·080	·120	·212 s	—	—	—	—	4,200	
90 B.	Do.	·010	·080	·120	·212 s	—	—	—	—	5,320	
91 A.	Crab Tree	·007	·019	·021 s	—	—	—	—	—	4,144	Severe fracture.
91 B.	Do.	·010	·017	·089	—	—	—	—	—	3,976	
92 A.	Anacardiaceæ	·476	·336	·598	·580	·607	·619 s	·635	·651	·768	
92 B.	Do.	—	—	—	—	—	—	—	—	10,080	Tough specimen.
92 A.	Do.	—	—	—	—	—	—	—	—	—	
92 A.	Do.	—	—	—	—	—	—	—	—	—	
92 B.	Do.	—	—	—	—	—	—	—	—	—	
92 B.	Do.	·547	·534	·600	·621	·630	·640	·649	·658	·670	

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
QUEENSLAND.													
38 A.	N. O. Stevenliaceæ	•143	•	•	•	•	•	•	•	•	•	1,960	Severe fracture; dry rotten specimen.
93 B.	Do.	•112	•390 S	•	•	•	•	•	•	•	•	2,324	
93 Aa.	Do.	•238	•396 S	•	•	•	•	•	•	•	•	3,360	
93 Ab.	Do.	•152	•350 S	•	•	•	•	•	•	•	•	3,024	
94 A.	Silver Tree	•024	•153	•	•	•	•	•	•	•	•	2,464	
94 B.	Do.	•	•	•	•	•	•	•	•	•	•	•	
95 A.	•	•	•	•	•	•	•	•	•	•	•	•	
95 B.	•	•	•	•	•	•	•	•	•	•	•	•	
97 A.	•	•010	•105	•290	•500	•	•	•	•	•	•	4,480	
97 B.	•	•010	•073	•303	•	•	•	•	•	•	•	3,808	
97 Ca.	•	•	•	•	•	•	•	•	•	•	•	821	No experiments.
97 Ab.	•	•	•	•	•	•	•	•	•	•	•	747	Do.
99 A.	Bean Tree	•337	•560	•647	•668	•680	•693	•708	•719	•730	•730	10,080	
99 B.	Do.	•309	•506	•658	•683	•700	•718	•728	•740	•753	•753	10,080	Severe fracture.
99 Aa.	Do.	•113	•343	•	•	•	•	•	•	•	•	2,352	
99 Ab.	Do.	•	•	•	•	•	•	•	•	•	•	•	
100 Aa.	Ebenaceæ	•	•	•	•	•	•	•	•	•	•	•	
103 Ab.	Do.	•492 S	•582	•626	•	•	•	•	•	•	•	4,256	Severe fracture.
102 A.	Do.	•497	•582 S	•638	•	•	•	•	•	•	•	4,032	
102 B.	Do.	•531 S	•594	•	•	•	•	•	•	•	•	2,604	
102 Aa.	Do.	•563 S	•679	•706	•732	•756	•768	•778	•788	•795	•795	10,080	
102 Ab.	Do.	•013	•153 S	•063	•	•	•	•	•	•	•	2,856	
104 A.	•	•093 S	•	•	•	•	•	•	•	•	•	2,986	
104 B.	•	•011	•058	•556 S	•583	•620	•645	•664	•676	•688	•688	10,080	Severe fracture.
104 Aa.	•	•015	•170 S	•328	•348 S	•389	•	•	•	•	•	3,376	
104 Ab.	•	•061	•215	•392	•422	•	•	•	•	•	•	6,160	
105 A.	Barkleya styracifolia	•040	•212	•319 S	•380	•422	•	•	•	•	•	5,152	
105 B.	Do.	•052	•215	•319 S	•380	•422	•	•	•	•	•	5,992	
105 Aa.	Do.	•019	•144	•353 S	•	•	•	•	•	•	•	3,976	
105 Ab.	Do.	•034	•142	•262	•	•	•	•	•	•	•	3,696	
106 A.	•	•	•	•	•	•	•	•	•	•	•	•	

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
QUEENSLAND.												
106 B.	"	-.032	.110	.178	.238	.284	.	.	.	.	4,328	
106 Aa.	"	-.039	.157	.273	.	.	.	.	.	.	3,808	
106 Ab.	"	-.058	.238	.	.	.	.	.	.	.	2,604	
106 Ba.	"	-.030	.114	.234	.339	.	.	.	.	.	4,480	
106 Bb.	"	-.023	.129	.219	.	.	.	.	.	.	4,896	
106 Ca.	"	-.059	.165	.279	.297	.	.	.	.	.	4,200	
106 Cb.	"	-.043	.160	.231	.256	.	.	.	.	.	4,704	
108 A.	"	-.015	.076	.206	.288	.360	.	.	.	.	5,796	
108 B.	"	-.009	.023	.160	.256	.	.	.	.	.	4,928	
108 Aa.	"	-.015	.065	.219	.314 s	.362	.	.	.	.	5,787	
108 Ab.	"	-.010	.070	.177	.260 s	.	.	.	.	.	5,040	
109 A.	Olive Tree	-.016	.113	.216	.334 s	.	.	.	.	.	4,741	
109 B.	Do.	-.012	.102	.212 s	.394	.	.	.	.	.	5,016	
109 Aa.	Do.	-.016	.125	.215	.275	.304 s	.	.	.	.	6,384	
109 Ab.	Do.	-.015	.097	.199	.266	.	.	.	.	.	3,864	
110 A.	"	-.012	.085	.181	.	.	.	.	.	.	3,864	
110 B.	"	-.009	.088	.150 s	.	.	.	.	.	.	3,752	
110 Aa.	"	-.012	.138	.213	.	.	.	.	.	.	4,816	
110 Ab.	"	-.009	.088	.150 s	.	.	.	.	.	.	3,752	
111 A.	"	-.014	.090	.140 s	.	.	.	.	.	.	3,920	
111 B.	"	-.020	.071 s	.	.	.	.	.	.	.	3,248	
111 Aa.	"	-.090 s	.248	.	.	.	.	.	.	.	2,688	
111 Ab.	"	-.047	.189 s	.	.	.	.	.	.	.	3,248	
112 A.	"	—	—	—	—	—	—	—	—	—	—	No experiments.
112 B.	"	—	—	—	—	—	—	—	—	—	—	Do.
112 Aa.	N. O. Cappariadaceae	-.093 s	.366	.	.	.	.	.	.	.	2,714	
112 Ab.	Do.	.310 s	.	.	.	.	.	.	.	.	1,612	
113 A.	Mangrove	-.042	.167	.246	.297	.340	.386 s	.	.	.	7,616	
113 B.	Do.	-.012	.070 s	.	.	.	.	.	.	.	3,860	
113 Aa.	Do.	.	.	.	.	.	.	.	.	.	—	Split.
113 Ab.	Do.	-.026	.143	.222	.280	.325 s	.	.	.	.	5,824	

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
QUEENSLAND.											
114 A.	Celtis sp.	—	—	—	—	—	—	—	—	—	8,288
114 B.	Do.	.239	.390	.457	.498 s	.531	.568	.582	—	—	6,188
114 A <sup>o</sup> .	—	.200	.350	.440	.484	.552	—	—	—	—	—
114 A <sup>b</sup> .	—	—	—	—	—	—	—	—	—	—	—
115 A.	—	.012	.113	—	—	—	—	—	—	—	—
115 B.	—	.030	.448	.619	.659	.684	.699	.714	.725	.736	8,080
116 A.	—	.098	.375	.492	.538	—	—	—	—	—	2,128
116 B.	—	.124	.086	.194	—	—	—	—	—	—	10,080
117 A.	Rosewood	.013	.070	.180	—	—	—	—	—	—	5,572
117 B.	Do.	.009	.118	.220 s	—	—	—	—	—	—	3,920
117 A <sup>a</sup> .	Do.	.016	.105	.213	.314	—	—	—	—	—	3,808
117 A <sup>b</sup> .	Do.	.020	.482	.540 s	.574	.699	.712	.725	.736	.750	4,368
118 A.	Acacia sapindoides	.375	.539 s	.572	.599	.694	—	—	—	—	4,760
118 B.	Do.	.396	—	—	—	—	—	—	—	—	6,356
118 A <sup>a</sup> .	Do.	.212	—	—	—	—	—	—	—	—	10,080
118 A <sup>b</sup> .	Do.	.167	—	—	—	—	—	—	—	—	1,512
120 A.	—	—	—	—	—	—	—	—	—	—	1,493
120 B.	—	.005	.010	.022	.052 s	—	—	—	—	—	5,488
121 A.	W. cupine Myall	.007	.012	.020 s	—	—	—	—	—	—	4,480
121 B.	Do.	.004	.008	.014	.029	.068 s	—	—	—	—	6,664
121 A <sup>a</sup> .	Do.	—	—	—	—	—	—	—	—	—	—
121 A <sup>b</sup> .	Do.	.006	.009	.014	.024	.082	—	—	—	—	6,347
122 A.	Brieklow	.008	.030	.131	—	—	—	—	—	—	4,144
122 B.	Do.	.009	.043	.140	—	—	—	—	—	—	3,364
122 A <sup>a</sup> .	Do.	.010	.025	.092	—	—	—	—	—	—	4,060
122 A <sup>b</sup> .	Do.	.008	.015	.055	.120	—	—	—	—	—	5,012
123 A.	Acacia	.018	.251 s	—	—	—	—	—	—	—	2,800
123 B.	Do.	.306	—	—	—	—	—	—	—	—	1,316
1 A.	Bunya Bunya	—	—	—	—	—	—	—	—	—	—
1 B.	Do.	—	—	—	—	—	—	—	—	—	—
1 A <sup>a</sup> .	Do.	—	—	—	—	—	—	—	—	—	—
1 A <sup>b</sup> .	Do.	—	—	—	—	—	—	—	—	—	—
1 A <sup>b</sup> .	Do.	—	—	—	—	—	—	—	—	—	—
Very good fracture. Do.											

Very good fracture.  
Do.

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
QUEENSLAND.											
2 A.	Moreton Bay	—	—	—	—	—	—	—	—	—	—
2 B.	Do.	—	—	—	—	—	—	—	—	—	—
2 C.	Do.	—	—	—	—	—	—	—	—	—	—
2 D.	Do.	—	—	—	—	—	—	—	—	—	—
RUSSIA.											
1 A.	Riga Fir	—	—	—	—	—	—	—	—	—	—
1 B.	Do.	—	—	—	—	—	—	—	—	—	—
1 C.	Do.	—	—	—	—	—	—	—	—	—	—
1 D.	Do.	—	—	—	—	—	—	—	—	—	—
2 A.	Larch	—	—	—	—	—	—	—	—	—	—
2 B.	—	—	—	—	—	—	—	—	—	—	—
3 A.	Larch	—	—	—	—	—	—	—	—	—	—
3 B.	—	—	—	—	—	—	—	—	—	—	—
4 A.	Larch	—	—	—	—	—	—	—	—	—	—
4 B.	Do.	—	—	—	—	—	—	—	—	—	—
5 A.	Larch	—	—	—	—	—	—	—	—	—	—
5 B.	Do.	—	—	—	—	—	—	—	—	—	—
6 A.	Riga Oak	—	—	—	—	—	—	—	—	—	Crushed.
6 B.	Do.	—	—	—	—	—	—	—	—	—	—
6 C.	Do.	—	—	—	—	—	—	—	—	—	—
6 D.	Do.	—	—	—	—	—	—	—	—	—	—
TASMANIA.											
8 A.	Black Wood	—	—	—	—	—	—	—	—	—	—
8 B.	Do.	—	—	—	—	—	—	—	—	—	—
8 C.	Do.	—	—	—	—	—	—	—	—	—	—

Crushed.

TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
TASMANIA.											
Black Wood											
67 A.	Do.	671	316 S	458	..	..	..	..	..	..	3,976
67 B.	Do.	613	111	147	..	..	..	..	..	..	3,771
67 C.	Do.	617	260	450 S	570	..	..	..	..	..	5,046
67 D.	Do.	358	141 S	192	495	580	..	..	..	..	6,244
67 E.	Do.	165	322	419 S	498	510	542	..	..	..	6,750
67 F.	Do.	184	335	448	500	526	555 S	..	..	..	7,555
67 G.	Do.	137	298	440	..	..	..	..	..	..	8,416
67 H.	Do.	109	284	406	..	..	..	..	..	..	9,088
67 I.	Do.	184	292	..	..	..	..	..	..	..	9,160
67 J.	Do.	137	310 S	..	..	..	..	..	..	..	9,195
Sassafras											
67 A.	Do.	—	—	—	—	—	—	—	—	—	—
67 B.	Do.	—	—	—	—	—	—	—	—	—	—
67 C.	Do.	659	112	210	262	317	330	382 S	..	..	8,134
67 D.	Do.	605	370	563	614	681 S	..	..	..	..	8,300
67 E.	Do.	605	170	288	348 S	..	..	..	..	..	9,901
67 F.	Do.	622	372	571	620	..	..	..	..	..	4,312
67 G.	Do.	639	62	113 S	295	..	..	..	..	..	5,177
67 H.	Do.	612	671	280 S	..	..	..	..	..	..	9,568
67 I.	Do.	215	374	456	495	517	535	548	573 S	..	10,080
67 J.	Do.	262	425	480	512	533	551	565	580 S	..	5,203
67 K.	Do.	606	297	506	508	..	..	..	..	..	10,080
67 L.	Do.	374	592	566	582	598	614	625	634	..	8,459
67 M.	Do.	622	118	315 S	..	..	..	..	..	..	8,136
67 N.	Do.	612	301 S	..	..	..	..	..	..	..	8,136
67 O.	Do.	612	301 S	..	..	..	..	..	..	..	8,136
67 P.	Do.	612	301 S	..	..	..	..	..	..	..	8,136
67 Q.	Do.	612	301 S	..	..	..	..	..	..	..	8,136
67 R.	Do.	612	301 S	..	..	..	..	..	..	..	8,136
67 S.	Do.	612	301 S	..	..	..	..	..	..	..	8,136
67 T.	Do.	612	301 S	..	..	..	..	..	..	..	8,136
67 U.	Do.	612	301 S	..	..	..	..	..	..	..	8,136
67 V.	Do.	612	301 S	..	..	..	..	..	..	..	8,136
67 W.	Do.	612	301 S	..	..	..	..	..	..	..	8,136
67 X.	Do.	612	301 S	..	..	..	..	..	..	..	8,136
67 Y.	Do.	612	301 S	..	..	..	..	..	..	..	8,136
67 Z.	Do.	612	301 S	..	..	..	..	..	..	..	8,136





TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
TRINIDAD.											
155 D.	Garlick Pear	—	—	—	—	—	—	—	—	—	No experiments.
158 A.	Do.	—	—	—	—	—	—	—	—	—	
158 B.	Do.	—	—	—	—	—	—	—	—	—	
158 C.	Do.	—	—	—	—	—	—	—	—	—	
158 D.	Do.	—	—	—	—	—	—	—	—	—	
162 A.	Mahoe	—	—	—	—	—	—	—	—	—	No experiments.
162 B.	Do.	—	—	—	—	—	—	—	—	—	
166 A.	Soap-nut Tree (Bois Corticera)-do.	.093 s	.227	.332	.390	.443 s	.491	—	—	—	
166 B.	Do.	.092	.288 s	—	—	—	—	—	—	—	
166 C.	Do.	.077	—	—	—	—	—	—	—	—	
168 A.	Surette	.055 s	—	—	—	—	—	—	—	—	No experiments.
168 B.	Do.	.069 s	—	—	—	—	—	—	—	—	
168 C.	Do.	.046 s	—	—	—	—	—	—	—	—	
168 D.	Do.	.078	.280 s	—	—	—	—	—	—	—	
169 A.	Paraman	.170	.360 s	—	—	—	—	—	—	—	
169 B.	Do.	.170 s	—	—	—	—	—	—	—	—	No experiments.
169 C.	Do.	.132 s	—	—	—	—	—	—	—	—	
169 D.	Do.	.145	.290	.382	.484 s	—	—	—	—	—	
171 A.	Galba	.191	.380	.460 s	—	—	—	—	—	—	
171 B.	Do.	.077 s	—	—	—	—	—	—	—	—	
171 C.	Do.	.029 s	—	—	—	—	—	—	—	—	No experiments.
171 D.	Do.	.152 s	—	—	—	—	—	—	—	—	
180 A.	Crabtree	—	—	—	—	—	—	—	—	—	
180 C.	Do.	—	—	—	—	—	—	—	—	—	
180 D.	Do.	—	—	—	—	—	—	—	—	—	
185 A.	Noyer	.010	.028	.145 s	—	—	—	—	—	—	No experiments.
185 B.	Do.	.017	.079	.241 s	—	—	—	—	—	—	
185 C.	Do.	.014	.086	.223 s	—	—	—	—	—	—	
185 D.	Do.	.012	.039	.158 s	—	—	—	—	—	—	
186 A.	Mango	.234	.438	.540 s	.592	.636	.659	.682	.695	.703	
186 B.	Do.	.091	.364	.439	.479	.508	.538	.561 s	—	—	No experiments.
187 A.	Gommier	.262 s	—	—	—	—	—	—	—	—	



TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
TRINIDAD.													
212 A.	Balsam Capivi	.059	.218	.389	.395	.432	.460 s	..	..	..	7,872		
212 B.	Do.	.018	.138	.322	.390	.496 s	..	..	..	..	6,347		
214 A.	Savonette Jaune	.015	.126	.213	.280	.341	.400 s	.441	..	..	8,624		
214 B.	Do.	.010	.070	.172	.262	.314 s	.420	..	..	..	6,944		
214 C.	Do.	.013	.109	.204	.297	.328	..	..	..	..	6,272		
214 D.	Do.	.016	.128	.212	.298 s	.416	.515	.542	.603	.612	10,080		
216 A.	Purple Heart	.007	.010	.017	.031 s	..	..	..	..	..	5,451		
216 B.	Do.	.013	.031 s	..	..	..	..	..	..	..	3,024		
217 A.	Locust	.015	.042 s	..	..	..	..	..	..	..	3,173		
217 B.	Do.	.016	.068	.175	.252 s	..	..	..	..	..	5,012		
218 A.	Naranjillo Amarillo	.016	.068 s	..	..	..	..	..	..	..	3,173		
218 B.	Do.	..	..	..	..	..	..	..	..	..	4,228		
218 C.	Do.	.015	.098	.208 s	..	..	..	..	..	..	4,480		
218 D.	Do.	.017	.041	.177 s	..	..	..	..	..	..	6,608		
219 A.	Tamarind	.012	.053	.194	.280	.346 s	..	..	..	..	6,604	No experiment.	
219 B.	Do.	.013	.054	.164	.239	.291 s	..	..	..	..	7,056		
219 C.	Do.	..	..	..	..	..	..	..	..	..	3,248		
219 D.	Do.	..	..	..	..	..	..	..	..	..	6,468		
220 A.	Casse	.080	.268	.410 s	.472	.518	.560	..	..	..	5,301		
220 B.	Do.	.008	.018 s	..	.023	.085 s	..	..	..	..	2,688		
221 A.	Guatamare	.006	.009	.012	.023	.085 s	..	..	..	..	2,660		
221 B.	Do.	.006	.010	.027	.082 s	..	..	..	..	..	2,184		
222 A.	Bois Mulatre	.138	.302 s	..	..	..	..	..	..	..	1,456		
222 B.	Do.	.111	.264 s	..	..	..	..	..	..	..	3,920		
222 C.	Do.	.076 s	..	..	..	..	..	..	..	..	3,248		
222 D.	Do.	.040 s	..	..	..	..	..	..	..	..	..	} No experiments.	
225 A.	Anguin	.008	.024	.210 s	..	..	..	..	..	..	..		
226 A.	Do.	.011	.124 s	..	..	..	..	..	..	..	..		
226 B.	Do.	..	..	..	..	..	..	..	..	..	..		
226 C.	Do.	..	..	..	..	..	..	..	..	..	..		
226 D.	Do.	..	..	..	..	..	..	..	..	..	..		
227 A.	Do.	.212	.382	.481 s	.532	.588	.604	.622	.656	.670	10,080		
227 B.	Do.	.307	.479 s	.573	.617	.641	.685	.690	.703	.717	10,080		

TABLE VI.—continued.

TABLE VI.—Continued.											
No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.		
TRINIDAD.											
267 A.	Sapodilla, Sapotillier	.018	.034	.080	.164 s					5,600	
267 B.	Do.	.007	.013	.030	.094 s					5,413	
273 A.	Acacia, or Mastie	.008	.018	.094 s						4,063	
273 B.	Do.	.013	.033 s							3,304	
274 A.	Cyrene	.433 s	.559	.638	.684	.715	.726	.785	.756	3,021	
274 B.	Do.	.402	.583	.638	.684	.715	.726	.785	.756	10,080	
274 C.	Do.	.512	.603	.676	.676	.683	.730	.712	.748	10,080	
274 D.	Do.	.161	.192	.346	.674	.680	.703	.726	.746	10,080	
274 E.	Offspring.	.018	.123 s							2,012	
274 F.	Do.	.020	.134	.246 s						4,032	
274 G.	Do.	.024	.108	.222 s						4,256	
274 H.	Do.	.028	.140	.236						4,463	
274 I.	Do.	.016	.060	.170						3,976	
274 J.	Red Manzanove	.010	.030	.167 s						3,976	
274 K.	Do.	.024	.090 s							3,080	
274 L.	Wild Guava	.034	.130	.264 s						3,808	
274 M.	Do.	—	—	—	—	—	—	—	—	—	
274 N.	Do.	—	—	—	—	—	—	—	—	—	
274 O.	Do.	—	—	—	—	—	—	—	—	—	
274 P.	Do.	—	—	—	—	—	—	—	—	—	
274 Q.	Do.	—	—	—	—	—	—	—	—	—	
274 R.	Do.	—	—	—	—	—	—	—	—	—	
274 S.	Do.	—	—	—	—	—	—	—	—	—	
274 T.	Do.	—	—	—	—	—	—	—	—	—	
274 U.	Do.	—	—	—	—	—	—	—	—	—	
274 V.	Do.	—	—	—	—	—	—	—	—	—	
274 W.	Do.	—	—	—	—	—	—	—	—	—	
274 X.	Do.	—	—	—	—	—	—	—	—	—	
274 Y.	Do.	—	—	—	—	—	—	—	—	—	
274 Z.	Do.	—	—	—	—	—	—	—	—	—	
274 A.	Guacare	.011	.054 s							3,173	
274 B.	Do.	.009	.046	.163 s						3,584	
274 C.	Do.	.009	.038	.277						3,584	
274 D.	Do.	.010	.060	.235 s						3,547	
274 E.	Do.	.010	.060	.235 s						4,452	
274 F.	Do.	.013	.113	.235 s						3,696	
274 G.	Do.	.014	.069	.235 s						—	
274 H.	Do.	.003	.008	.012	.027					5,544	
274 I.	Do.	.007	.010	.030	.059					5,460	
274 J.	Do.	.016	.085	.211	.290	.334				6,328	
274 K.	Do.	.238	.424	.594						4,396	
274 L.	Do.	.250	.415	.472	.502	.522	.530			7,784	
274 M.	Do.										

No experiments.

TABLE VI.--continued.

No. of Specimen.	Local Name.	Compression at a Weight of							Crushing Weight in Pounds.	REMARKS.	
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.			
TRINIDAD.											
201 A.C.	Lecheur Blanc	-	-	-	-	-	-	-	-	-	} No experiments. No experiment. } No experiments.
201 Ad.	Do.	-	-	-	-	-	-	-	-	-	
163 A.	-	-	-	-	-	-	-	-	-	-	
167 A.	Cacaponle	-	-	-	-	-	-	-	-	-	
167 B.	Do.	-	-	-	-	-	-	-	-	-	}
167 C.	Do.	-	-	-	-	-	-	-	-	-	
VICTORIA.											
Peppermint Tree											
1 A.	Do.	.008	.022 S	.456	.542	.576	.602	.623	.636	2,660	Crushed. Split in two. Not quite dry. Not quite dry; smashed. Not quite dry.
1 B.	Do.	.013	.076 S	-	-	-	-	-	.650	10,080	
1 C.	Do.	-	.024 S	-	-	-	-	-	-	2,800	
1 D.	Do.	.008	.181	.339 S	-	-	-	-	-	3,024	
2 A.	Grey Box Tree	.018	.093	.244	.498 S	.610	.639	.646	.663	10,080	}
2 B.	Do.	.015	.240	.322	.377	.425 S	-	-	.674	6,324	
2 C.	Do.	.085	.174	.286	.378 S	-	-	-	-	5,012	
2 D.	Do.	.025	.174	.286	.378 S	-	-	-	-	3,360	
2 A <sub>1</sub> .	Do.	.016	.114 S	.342	-	-	-	-	-	2,501	
2 A <sub>2</sub> .	Do.	.014	.119 S	-	-	-	-	-	-	3,845	
2 A <sub>3</sub> .	Do.	.011	.022	.377 S	-	-	-	-	-	3,808	
2 A <sub>4</sub> .	Do.	.014	.050	.205 S	-	-	-	-	-	4,732	
3 Ad.	Do.	.019	.106	.224	.381 S	-	-	-	-	5,096	
3 A.	Do.	.027	.135	.261	.334 S	-	-	-	-	4,144	
3 B.	Do.	.008	.017	.079 S	-	-	-	-	-	5,320	
4 A.	-	-	-	.350 S	.422	-	-	-	-	2,744	
4 B.	-	.098	.247	-	-	-	-	-	-	10,080	
5 Ad.	-	.021	.151 S	-	.422	-	-	-	.636	2,436	
5 A <sub>1</sub> .	-	.043	.196	.325 S	.414	-	.588	.600	.612 S	-	
5 A <sub>2</sub> .	-	.400	.488	.697	.933	.575	-	-	-	-	
5 A <sub>3</sub> .	Eucalyptus	.118	.288	-	-	-	-	-	-	-	
6 A.	Do.	-	-	-	-	-	-	-	-	-	
6 B.	Do.	-	-	-	-	-	-	-	-	-	







TABLE VI.—continued.

No. of Specimen.	Local Name.	Compression at a Weight of										Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.			
VICTORIA.													
42 A.C.	-	.016	.160	.299	.444 S	..	..	..	..	..	4,704		
42 A.D.	-	.021	.204	.345 S	..	..	..	..	..	..	4,144		
43 A.	-	.030	.151	.276	.329	.374	.400 S	..	..	..	7,616		
43 B.	-	.015	.088	.243 S	..	..	..	..	..	..	4,032		
43 C.	-	.014	.191	.286	.388	.386	.386	.402	.417 S	..	8,819		
43 D.	-	.036	.158	.256	.326 S	.376	..	..	..	..	6,496		
Honeysuckle	-	.243	.388	.506 S	.558	.604	.624	.670	.689	.700	10,080		
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												
Do.	-												

TABLE VII.

*In this Table the Woods are arranged in the order of their Crushing Weight in a Transverse Direction of their Fibre.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
93 A. B.	Celtis Opaca ?	New South Wales (N.)	10,080	2
7 A. B.	Burrana	Do. (N.)	10,080	2
19 A. B.	Cherry	Do. (N.)	10,080	2
155 A. B.	Found at Illawarra,	Do. (S.)	10,080	2
	Brisbane Water.			
139 A.	White Myrtle, Blue Ash, Ash.	Do. (S.)	10,080	1
49 A. B. C. D.	Stringy Bark, Berrima	Do. (S.)	10,080	4
177 A. B. C. D.	Mountain Ash	Do. (S.)	10,080	4
44 A. B.	Mahogany	Do. (S.)	10,080	2
125 A. B. C. (D.)	Mauden's Blush, Ladies' Blush.	Do. (S.)	10,080	3
50 A. B.	Prickly Tea Tree	Do. (S.)	10,080	2
53 A. B. C. D.	Apple Tree	Do. (S.)	10,080	4
10, 121 A. B.	Kyoundouk	East India	10,080	2
6,545 A. (B.)	Toungatseet	Do.	10,080	1
4,671 A. (B.)	Banbul	Do.	10,080	1
7,617 A. (B.)	Toon	Do.	10,080	1
7,615 A. (B.)	Sakho	Do.	10,080	1
11 A. B.	Chucya	British Honduras	10,080	1
23 A. B.	Yaxnic or Yaxnic	Do.	10,080	1
189 A. B. C. D.	Jack Fruit	Jamaica	10,080	4
378 A.	Fig Tree Wild	Do.	10,080	1
324 A. B.	Santa Maria	Do.	10,080	2
22 A. B. C. (D.)	Mahogany	Liberia	10,080	3
7,674 A. B.	Tork Tea	East India	10,080	1
6,542 A. B.	Kokoh	Do.	10,080	1
10,554 A. B.	Thimzan	Do.	10,080	1
2,490 A. (B.)	Niatoo	Do.	10,080	2
2,488 A. (B.)	Maslang Sarayu Batoo	Do.	10,080	1
3,919 A. (B.)	Hurdoo	Do.	10,080	1
3,918 A. (B.)	Siris	Do.	10,080	1
3,952 A. (B.)	Jynungul	Do.	10,080	1
10,226 A. (B.)	Sisso	Do.	10,080	1
10,429 A. (B.)	Momakha	Do.	10,080	1
10,764 A. (B.)	Piray-song	Do.	10,080	1
10,221 A. (B.)	Phihoot	Do.	10,080	1
5,495 A. (B.)	Jack Punsee	Do.	10,080	1
3,966 A. (B.)	Taman	Do.	10,080	1
4,667 A. (B.)	Trosum	Do.	10,080	1
4,670 A. (B.)	Bher	Do.	10,080	1
9,238 A.		Do.	10,080	1
10,430 A. (B.) C.	Toumben	Do.	10,080	1
7,655 A. B.	Dhano Lha	Do.	10,080	1
7,660 A. (B.)	Kampas	Do.	10,080	1
10,422 A. B.	Thanat	Do.	10,080	1
6,547 A. (B.)	Khyong-yook	Do.	10,080	2
108 A. B.	Beech Brush Cherry	New South Wales (S.)	10,080	1
43 A. B. C. D.	Swamp Mahogany	Do. (S.)	10,080	2
46 A. B. C. D.	Stringy Bark of Coast	Do. (S.)	10,080	4
61 A. A. A. B.	N. O. Myrtaceae	Queensland	10,080	1
56 A. B.	Eugenia marginata	Do.	10,080	2
5 A. A. A. B.	She Pine	Do.	10,080	2
99 A. B.	Bean Tree	Do.	10,080	2
5 A. (B.)	She Pine	Do.	10,080	2
56 A. A. B.	Eugenia marginata	Do.	10,080	1
28 A. A. B.	Mangrove	Do.	10,080	2
92 A. A. (B. B.)	Anacardiaceae	Do.	10,080	3
92 A. (B.)	Do.	Do.	10,080	1
28 A. B.	Mangrove	Do.	10,080	1
76 A. A. (A. B.)	Prickly-leaved Tea Tree	Do.	10,080	2
15 A. A. A. B.	Silk Oak	Do.	10,080	1
20 A. A. B. B.	Callum	Do.	10,080	1
39 A. B.	Sassafras	Do.	10,080	1
87 A. A. A. B.	Capparis Mitchellii	Do.	10,080	2
74 A. B.	Prickly-leaved Tea Tree	Do.	10,080	2

TABLE VII.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
35 <i>Ad. Ad.</i>	Cugerie - - -	Queensland - - -	10,080	1
10 <i>Ad. Ad.</i>	Red Cedar - - -	Do. - - -	10,080	2
227 A. B.	Angelin - - -	Trinidad - - -	10,080	2
11 A. B. C. D.	Honeysuckle - - -	Victoria - - -	10,080	1
13 <i>Ad. Ad.</i>	Coast Tea Tree - - -	Do. - - -	10,080	2
36 A. B. C. D.	White Gum Tree - - -	Do. - - -	10,080	4
39 <i>Ad. (Ad. Ad.)</i>	Spurious Mulberry Tree - - -	Do. - - -	10,080	1
40 A. B. C. (D.)	Coast Honeysuckle - - -	Do. - - -	10,080	3
12 (A. B.) C. (D.)	Honeysuckle - - -	Do. - - -	10,080	1
10 A. B.	Red Cedar - - -	Queensland - - -	9,968	2
3,002 A. (B.)	Abloss or Kandor - - -	East India - - -	9,968	1
23 A. B.	Samak or Sumach, or Divi-dur Bark. - - -	Do. - - -	9,800	2
22 A. B.	Yaxnic - - -	British Honduras - - -	9,800	2
4 A.	Cypress Pine - - -	Queensland - - -	9,744	1
40 A. B.	Cupania, sp. - - -	Do. - - -	9,632	2
43 A. B.	Tamarind Tree - - -	Do. - - -	9,520	2
25 A. B.	Roble Blanco - - -	British Honduras - - -	9,520	1
140 A. B.	Light Wood, Leather Jacket, Coach Wood. - - -	New South Wales (S.) - - -	9,501	2
14 A. B. C. D.	Gully Tree Fern - - -	Victoria - - -	9,400	4
39 <i>Ad. Ad.</i>	Sassafras - - -	Queensland - - -	9,464	2
33 A. B. C. D.	Grey Box Tree - - -	Victoria - - -	9,436	4
319 <i>ca. cb.</i>	Section of Cocoa Nut - - -	Jamaica - - -	9,422	2
186 A. B.	Mango - - -	Trinidad - - -	9,380	2
35 A. B.	Undambic - - -	New South Wales (N.) - - -	9,352	2
319 <i>Ad. Ad.</i>	Section of Cocoa Nut - - -	Jamaica - - -	9,296	2
17 A. B. (C.) D.	Rosewood - - -	New South Wales (N.) - - -	9,277	3
16 A. B.	Beef Wood - - -	Queensland - - -	9,240	2
10,380 A. (B.)	Koloh - - -	East India - - -	9,100	1
14 <i>Ad. Ad. Ad.</i>	Gully Tree Fern - - -	Victoria - - -	8,936	4
8 <i>Ad. Ad.</i>	Shingle Oak - - -	Queensland - - -	8,932	2
76 A. B. C. D.	Black Wattle - - -	Tasmania - - -	8,922	4
341 A.	Iron Wood - - -	Jamaica - - -	8,904	1
10,435 A. B.	Tinyobben - - -	East India - - -	8,890	2
10,393 A. B.	Bambonay - - -	Do. - - -	8,792	2
55 A. B.	Water Gum - - -	New South Wales (S.) - - -	8,764	2
10,476 A. B. C.	Ngoo Tha - - -	East India - - -	8,752	3
16 <i>Ad. Ad.</i>	Beef Wood - - -	Queensland - - -	8,750	2
33 <i>Ad. Ad.</i>	Rosewood - - -	Do. - - -	8,648	2
7,619 A. B.	Ah Nan - - -	East India - - -	8,694	2
10 A. B. C. D.	Box of Illawarra - - -	New South Wales (S.) - - -	8,673	4
2 A. (B.)	Larch - - -	Russia - - -	8,652	1
198 A. B. C. D.	Laurel - - -	Trinidad - - -	8,593	4
102 A. B. C. D.	Flooded Gum - - -	New South Wales (N.) - - -	8,540	4
1 A. B. (C.) D.	Peppermint Tree - - -	Victoria - - -	8,513	3
371 A. (B.) C. D.	Blue Gum - - -	Tasmania - - -	8,512	3
216 A. B. C. D.	Dog Wood - - -	Jamaica - - -	8,446	4
20 A. B.	Blue Gum - - -	New South Wales (S.) - - -	8,400	2
41 A. B.	Cupania Pseudorilius - - -	Queensland - - -	8,400	2
120 A. B.	Tobk Wood - - -	New South Wales (S.) - - -	8,386	2
10,373 A. (B.)	Gnoo-shwoay - - -	East India - - -	8,372	1
59 <i>Ad. Ad.</i>	Myrtus Aemenoide - - -	Queensland - - -	8,372	2
338 A. B. C.	Spanish Elm - - -	Jamaica - - -	8,353	3
248 A. B. C. D.	Cypre - - -	Trinidad - - -	8,316	4
320 A. B.	Yoke Wood - - -	Jamaica - - -	8,288	2
16 A. (B.) C. D.	Desert Cypress Pine - - -	Victoria - - -	8,250	2
212 A. B.	Jamaica Ebony, var. Black Heart. - - -	Jamaica - - -	8,232	2
11 A. B.	Light Yellow Wood - - -	Queensland - - -	8,232	2
26 A. B.	Cherry of the Clarence - - -	New South Wales (N.) - - -	8,232	2
118 A. B.	Acacia sapindoides - - -	Queensland - - -	8,218	2
4 A. B.	Larch - - -	Russia - - -	8,176	2
33 A. B.	Rosewood - - -	Queensland - - -	8,106	2
27 A. B. C. D.	Black Butt Gum - - -	New South Wales (S.) - - -	8,064	1
10,419 A. B.	Tha-khoot-ma - - -	East India - - -	8,022	2
7 A. B. C. D.	Moraballi or Mooraballi - - -	British Guiana - - -	7,982	4
171 A. B. C. D.	White Beech, Beech - - -	New South Wales (S.) - - -	7,973	4
214 A. B. C. D.	Savonette Jaune - - -	Trinidad - - -	7,900	4
52 <i>Ad. Ad.</i>	Hodgkinsonia ovatiflora - - -	Queensland - - -	7,840	2
16 A.	Flooded Gum - - -	New South Wales (S.) - - -	7,840	1
116 A. B.	Acacia, sp. - - -	Queensland - - -	7,826	2

TABLE VII.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
20 <i>Ad. Ad.</i>	Mahogany	Liberia	7,820	4
(A.) B. C. D.	Chicheur	British Honduras	7,802	3
77 A. B.	Broad-leaved Tea Tree	Queensland	7,798	2
31 A. B. C.		Victoria	7,784	3
7,077 A. (B.)	Sittola	East India	7,765	1
319 <i>Ed. Ed.</i>	Section of Cocoa Nut	Jamaica	7,756	2
42 A. B. C.	Swamp Mahogany	New South Wales (S.)	7,737	3
36 <i>Ad. Ad.</i>	Pseudalangium Tomen- tosum.	Queensland	7,728	2
11 <i>Ad. Ad.</i>	Light Yellow Wood	Do.	7,708	2
54 <i>Ad. Ad.</i>	Myrtus Argentea	Do.	7,700	2
22 A. B. (C.) D.	Woorridii	New South Wales (N.)	7,678	3
72 A. B. C.		East India	7,674	3
70 A. B.	Blood Wood	Queensland	7,678	2
376 A. B.	Blood-red Wood, or Black Mahogany.	Jamaica	7,590	2
35 A. B.	Cugerie	Queensland	7,590	2
19 A. B. C. D.	Blue Gum of Camden	New South Wales (S.)	7,556	1
10,394 A. B.	Thabyehajo?	East India	7,550	2
12 A. B. C.	True or Yellow Box of Camden.	New South Wales (S.)	7,500	3
25 A. B. C. (D.)	Urri Burringundie	Do. (N.)	7,547	3
6 A. B. C.	Eucalyptus	Victoria	7,532	3
4,665 A. (B.)	Kowah	East India	7,504	1
136 A. B. C. D.	White Maple	New South Wales (S.)	7,495	4
10,375 A. D.	Muy-za-lee	East India	7,485	2
9 A. B.	Swamp Oak	Queensland	7,406	2
52 A. B.	Hodgkinsonia ovatiflora	Do.	7,332	2
17 A. B.	Pobo, found at Richmond and Lismore.	New South Wales (N.)	7,317	2
61 A. B. C.	Common Tea Tree	Do. (S.)	7,317	3
37 A. B. C. D.	Eucalyptus, sp.	Do. (S.)	7,298	1
284 A. B.	Tecomastans	Jamaica	7,261	2
3 A. B. C.	Iron Bark	New South Wales (S.)	7,252	2
5,003 A. (B.)	Assau	East India	7,252	1
62 <i>Ad. Ad.</i>	Box	Queensland	7,252	2
114 A. B.	Celtis, sp.	Do.	7,238	2
14 A. B.	Tastab	British Honduras	7,196	2
5 A. B.	Larch	Russia	7,172	2
10,367 A. B.	Boomayza	East India	7,168	2
38 A. B.	Grey Plum	Queensland	7,140	2
154 A. B.	Red Ash, Leather Jacket, Cooper's Woods.	New South Wales (S.)	7,140	2
111 A. B. C. D.	Water Gum	New South Wales (N.)	7,135	2
55 A. B.	Backhousia citriodora	Queensland	7,126	2
9 A. B. (C. D.)		Victoria	7,056	2
104 <i>Ad. Ad.</i>	Found in the Bricklow Scrubs.	Queensland	7,028	2
69 A. B.	Found at Clarence, and Richmond Brush Fo- rest.	New South Wales (N.)	7,014	2
212 A. B.	Balsam Capiwi	Trinidad	7,000	2
57 A. B. C. D.	Hickory	New South Wales (S.)	7,000	1
21 A. B. C. D.	Blue Gum	Do. (S.)	6,993	1
43 A. B. C. D.		Victoria	6,990	1
65 A. B.	Red Iron Bark	Queensland	6,952	2
7,677 A. B.	Tseek Tha	East India	6,967	2
236 A. B. C.	South American Acacia	Jamaica	6,911	3
6 A. B.	Forest Oak	Queensland	6,916	2
8 <i>Ed. Ed. Ed.</i>	Black Wood	Tasmania	6,909	3
116 A. B. C. D.	Blue Gum	Do.	6,871	1
384 A. B. C. D.	Black Mahogany or Blood-red Wood.	Jamaica	6,860	1
5 A. B. C. D.	Iron Bark	New South Wales (S.)	6,839	1
3,053 A. (B.)	Rohnee	East India	6,832	1
1 A. B. C.	Siricote	British Honduras	6,785	3
80 A. B.	Bottle Brush Tree	Queensland	6,734	2
13 <i>Ad. Ad.</i>	Flindersia bennettiana	Do.	6,734	2
127 A.	Tamarind Tree	New South Wales (S.)	6,720	1
3,961 A. (B.)	Mowah	East India	6,720	1
88 A. B.	Found in the Brush Forests on the Cla- rence.	New South Wales (N.)	6,720	2

TABLE VII.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
10,352 A. B.	Eng - - -	East India - - -	6,701	2
53 A. B.	Carissaa ovata - - -	New South Wales (N.) - -	6,692	2
10,382 A. (D.)	Poukthama - my - ek - Kyouk.	East India - - -	6,683	1
5,601 A. (B.)	Burdur - - -	Do. - - -	6,664	1
31 Aa. Ad.	White Cedar - - -	Queensland - - -	6,664	2
54 A. B.	Turpentine - - -	New South Wales (S.) - -	6,664	2
4,683 A. B.	Saj - - -	East India - - -	6,664	1
75 A. B. C.	Waddy Wood - - -	Tasmania - - -	6,651	3
29 Aa. Ad.	Lignum Vitæ - - -	Queensland - - -	6,650	2
10,415 A. (B.)	Khaboung - - -	East India - - -	6,608	1
69 Aa. Ad.	Smooth-barked Gum - - -	Queensland - - -	6,608	2
70 Aa. Ad.	Blood Wood - - -	Do. - - -	6,608	2
20 Aa. Ad.	Callum - - -	Do. - - -	6,580	2
8 A. B.	Shingle Oak - - -	Do. - - -	6,560	2
345 A. B.	Wild Orange - - -	Jamaica - - -	6,538	2
7 A. B. C.	Wishmore - - -	Liberia - - -	6,533	3
89 A. B.	Bursaria spinosa - - -	Queensland - - -	6,533	1
45 A. B.	Clarence and Richmond Brush.	New South Wales (N.) - -	6,524	2
351 A.	Musk Wood - - -	Jamaica - - -	6,496	1
332 A. B. C. D.	Hog Berry - - -	Do. - - -	6,489	4
73 Aa. Ad.	Blue Gum - - -	Queensland - - -	6,440	2
43 A. B.	Native Orange - - -	New South Wales (N.) - -	6,440	2
105 A. B.	River or White Oak - - -	Do. (S.) - - -	6,412	2
47 Aa. Ad.	Lime - - -	Queensland - - -	6,398	2
4,672 A. B.	Khumee - - -	East India - - -	6,384	1
13 A. B.	Flindersia bennettiana - - -	Queensland - - -	6,370	2
121 (Aa.) Ad.	Weeping Myall - - -	Do. - - -	6,347	1
102 Aa. Ad.	Ebenaceæ - - -	Do. - - -	6,342	2
369 A. (B.) C. D.	Tea Tree - - -	Tasmania - - -	6,340	3
55 Aa. Ad.	Backhousia Citridora - - -	Queensland - - -	6,328	2
10,376 A. (B.)	Yin-dike - - -	East India - - -	6,309	1
7,065 A. (B.)	Gaham Bada - - -	Do. - - -	6,304	1
6 Aa. (Ad.)	Forest Oak - - -	Queensland - - -	6,272	1
6 A. (B.)	Chucxax - - -	British Honduras - - -	6,272	1
9 A. B.	Santa Martia - - -	Do. - - -	6,272	2
363 A. (B.)	Beech Wood - - -	Jamaica - - -	6,272	1
60 A. B.	Stringy Bark - - -	Queensland - - -	6,244	2
84 Aa. Ad.	Satin Wood - - -	Do. - - -	6,244	2
169 A. B. C. D.	Red Wood - - -	Jamaica - - -	6,202	4
8 A. B. C. D.	Black Wood - - -	Tasmania - - -	6,164	4
83 Aa. Ad.	Rottlera - - -	Queensland - - -	6,160	2
3,951 A. (B.)	Pindra - - -	East India - - -	6,160	1
2 A. B. C. D.	Grey Box Tree - - -	Victoria - - -	6,160	4
18 A. B. C.	Blue Gum of Coast Districts.	New South Wales (S.) - -	6,160	3
61 A. B. C. D.	Hindosa - - -	New South Wales (N.) - -	6,146	4
54 A. B.	Mahogany - - -	Liberia - - -	6,146	2
97 A. B. C. D.	White Gum - - -	Tasmania - - -	6,125	4
201 (A. B.) C. D.	Laurier Blanc - - -	Trinidad - - -	6,090	2
51 A. B.	Schmidelia pyriformis - - -	New South Wales (N.) - -	6,094	2
7,234 A. B.	- - -	East India - - -	6,082	2
140 (A.) B.	Sandal Wood - - -	Do. - - -	6,048	1
3,957 A. (B.)	Tine or Sisso - - -	Do. - - -	6,048	1
109 Aa. Ad.	Olive Tree - - -	Queensland - - -	6,000	2
17 A. B.	Tulip Tree - - -	Do. - - -	5,992	2
44 A. B.	Tulip Wood - - -	Do. - - -	5,936	2
17 Aa. Ad.	Tulip Tree - - -	Do. - - -	5,936	2
219 A. B. C. (D.)	Tamarind - - -	Trinidad - - -	5,917	3
15 A. B. C. D.	Burr Wood - - -	Liberia - - -	5,898	4
221 A. B.	Guatamare - - -	Trinidad - - -	5,884	2
16 A. B.	Subin or Cubin - - -	British Honduras - - -	5,861	2
113 (Aa.) Ad.	Mangrove - - -	Queensland - - -	5,824	1
40 Aa. Ad.	Cupanis. sp. - - -	Do. - - -	5,810	2
15 A. B.	Schmidelia pyriformis - - -	Do. - - -	5,782	2
15 A. B. C. D.	Mora - - -	British Guiana - - -	5,782	4
71 A. B.	White Myrtle - - -	New South Wales (N.) - -	5,772	2
42 A. B. C. D.	- - -	Victoria - - -	5,751	4
81 A. B.	Marble Wood - - -	New South Wales (N.) - -	5,740	2
10,427 A. B.	Yemaneh - - -	East India - - -	5,693	2
10,455 A. B. C.	Nat Gyeo - - -	Do. - - -	5,690	3
105 A. B.	Barkleya syriugæfolia - - -	Queensland - - -	5,656	2

TABLE VII.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
20 A. B. C. D.	Cumara or Tonka	British Guiana	5,639	4
164 A. B. C. D.	Blood or Iron Wood	Jamaica	5,583	4
67 A. B.	Nono Gyimandii	New South Wales (N.)	5,581	2
84 A. B.	Black Wattle of Illawarra.	Do. (S.)	5,572	2
121 A. B.	Weeping Myall	Queensland	5,572	2
42 A. A. B. A. C. A. D.		Victoria	5,568	4
59 A. B.	Myrtus Aemenoide	Queensland	5,554	2
75 A. B. C.	Mungkudu	East India	5,550	3
109 A. B.	Swamp Mahogany	New South Wales (N.)	5,525	2
237 A. B.	Sapodilla	Trinidad	5,506	2
25 A. A. A. B.	Cherry	Queensland	5,504	2
257 (A.) B. C.	Pul	Trinidad	5,502	3
120 (A.) B.	Acacia, sp.	Queensland	5,488	1
3 A. (B.)	Larch	Russia	5,488	1
10,361 A. B.	Poonyet	East India	5,474	1
216 A.	Purple Heart	Trinidad	5,451	2
5,606 A. (B.)	Red Sissoo	East India	5,432	1
108 A. A. A. B.	Canthium Lamprophyl- lum.	Queensland	5,413	2
291 A. A. A. B. (A. C. A. D.)	Laurier Blanc	Trinidad	5,390	2
36 A. B.	Tseudalangium Tomen- tosum.	Queensland	5,385	2
108 A. B.	Canthium Lamprophyl- lum.	Do.	5,362	2
1,220 A. B.	Unjun	East India	5,348	2
2 A. B.	Cranadilla	British Honduras	5,348	2
252 A. B. C.	White Mangrove	Jamaica	5,341	3
10,417 A. (B.)	Paet-than	East India	5,320	1
23 A. B.	Grey Gum	New South Wales (S.)	5,306	2
367 A. B. C. D.	Iron Wood	Tasmania	5,278	4
355 A. B.	Black Rosewood	Jamaica	5,278	2
18 A. B.	Box Wood	Liberia	5,268	2
81 A. B.	Croton Phebalioides, R. B.	Queensland	5,264	2
5,609 A. (B.)	Keechar	East India	5,264	1
16 A. B.	Cherry Wood	Liberia	5,259	2
1 A. B. C. D.	White or Pale Iron Bark	New South Wales (S.)	5,243	4
31 A. B.	White Cedar	Queensland	5,236	2
21 A. B. C. D.	Caoutchouc	British Honduras	5,231	4
20 A. B. C.	Ironwood	Liberia	5,231	3
6,519 A. (B.)	Titself	East India	5,208	1
7,993 A. (B.)	Gading-gading	Do.	5,208	1
18 A. B. C.	Caraba or Crab-wood	British Guiana	5,201	3
13 A. B.	Bullet Wood	British Honduras	5,194	2
10,482 A. (B.)	Pine Tha	East India	5,177	1
5,606 A. (B.)	Peasal	Do.	5,175	1
80 A. B.		Do.	5,156	2
220 A. B.	Casse	Trinidad	5,152	2
46 A. A. A. B.	Catha Cunninghami	Queensland	5,152	1
6 A. B. C. D.	Red Box	New South Wales (N.)	5,149	4
10,477 A. (B.) C.	Kay Yoo	East India	5,144	2
8 A. B. C. D.		Victoria	5,163	4
14 A. A. A. B.	Tulip Wood	Queensland	5,096	2
88 A. B.	Bursaria ferruzinea	Do.	5,096	2
46 A. B. C.	Wattle	Victoria	5,096	3
24 A. B. C. D.	Ash, Beech, and Flin- dosa.	New South Wales (N.)	5,072	4
365 A. B.	Wild Cinnamon	Jamaica	5,068	2
4 A. B.	Canasin	British Honduras	5,051	2
106 A. B.	Gerjaria Salicifolia	Queensland	5,012	2
77 A. B.	Iron Bark of the Cla- rence.	New South Wales (N.)	5,002	2
105 A. A. A. B.	Barkleya syringaeifolia	Queensland	4,984	2
84 A. B.	Satin Wood	Do.	4,970	2
29 A. B.	Lignum Vitae	Do.	4,956	2
3 A. B.	Coast Tea Tree	Victoria	4,944	4
367 A. B.	White Cedar	Jamaica	4,944	4
10 A. B.	Box of Illawarra	New South Wales (N.)	4,904	2
49 A. B.	Porviflora	Queensland	4,900	2
350 A. B.	Green Heart	Jamaica	4,872	2
187 (A.) B.	Wallandum Deyern	New South Wales (S.)	4,872	1

TABLE VII.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
218 A. B.	Dog Wood	Jamaica	4,862	2
10,438 A. B. C.	Nasha	East India	4,869	3
53 A. B.	Myrtus Trinervis	Queensland	4,862	2
371 A. B. C. D.	White Torch	Jamaica	4,844	4
89 A. B.	Found in the Brush Forests on the Clarence.	New South Wales (N.)	4,830	2
40 A. B. C.	Uroobie	Do. (N.)	4,822	3
105 A. B.	Light Yellow Wood	Do. (N.)	4,774	2
90 A. B.	N. O. Pittosporaceæ	Queensland	4,760	2
358 A. B. (C.)	White Rosewood	Jamaica	4,746	2
2 A. B.	White Iron Bark	New South Wales (S.)	4,746	2
109 A. B.	Olive Tree	Queensland	4,741	2
319 Aa. Bb. Bc.	Section of Cocoa Nut	Jamaica	4,732	4
5 A. B. C. (D.)	Bastard or White Box	New South Wales (N.)	4,704	3
339 A. B. C. D.	Naseberry Bullet Tree	Jamaica	4,701	4
21 A. B.	Wootarie	New South Wales (N.)	4,684	2
44 A. B.	Black Myrtle	Do. (N.)	4,676	2
354 A. B.	Sweet Wood	Jamaica	4,666	2
180 A. B.	White Lance Wood	Do.	4,666	2
15 A. B. C.	Box	New South Wales (S.)	4,634	3
15 A. B. C.	Musk Tree	Victoria	4,620	3
223 (A.) B. C. D.	Braziletto	Jamaica	4,620	3
71 A. B.	Swamp Oak	New South Wales (N.)	4,620	2
13 A. B.	Wobul	Do. (N.)	4,592	2
1,215 A. (B.)	Karee	East India	4,592	1
23 A. B.	Mountain Ash	Queensland	4,592	1
117 Aa. Ab.	Rosewood	Do.	4,564	2
7,629 A. B.	Boom Mai Za	East India	4,564	2
17 A. B. C. D.	Flooded Gum	New South Wales (S.)	4,557	4
13 A. B. C. D.	Bastard Box	Do. (S.)	4,538	4
122 Aa. Ab.	Bricklow	Queensland	4,536	2
88 Aa. Ab.	Bursaria ferruginea	Do.	4,536	2
4 A. B. C. D.	Wadaduri, or Monkey Nut	British Guiana	4,533	4
326 A. B.	Red Wood	Jamaica	4,522	2
30 Aa. Ab.	Beech	Queensland	4,522	2
10,358 A. B.	Gangan	East India	4,480	2
5,644 A. (B.)	Gumbaree	Do.	4,480	1
10,409 A. B.	Htein	Do.	4,480	2
106 Aa. Bb.	Gerjeria Salicifolia	Queensland	4,452	—
8 Aa. Ab.	Do.	Do.	4,438	2
577 A. B. C. D.	Black Wood	Tasmania	4,433	2
50 A. B.	Blue Gum	Do.	4,431	4
371 A. B. C. D.	Maba Geminata	Queensland	4,424	2
14 A. B.	Stringy Bark	Tasmania	4,421	4
48 A. B. C. D.	Found near Lismore, near Richmond River.	New South Wales (N.)	4,414	2
2,345 A. (B.)	Stringy Bark, Camden	Do. (S.)	4,410	4
210 A. B. C.	Tenasserim Mahogany	East India	4,405	1
18 A. B.	Casuarina equisetifolia	Jamaica	4,393	3
20 A. B.	Kaskat	British Honduras	4,368	1
7,524 A. (B.)	Callhum	Queensland	4,368	2
7,520 A. (B.)	Kaitha	East India	4,368	1
9,394 A. B. C. D.	Do.	Do.	4,368	4
64 A. B.	Myrtle	Tasmania	4,354	1
57 A. B.	Broad-leaved Tea Tree	New South Wales (S.)	4,340	2
70 A. B.	Iron Wood	Queensland	4,340	2
15 A. B.	Myrtle	New South Wales (S.)	4,340	2
12 D.	Silky Oak	Queensland	4,326	—
297 A. B. C. D.	Toulphau	New South Wales (N.)	4,312	1
68 A. B.	Red Heart (leaf or heart.)	Jamaica	4,312	4
23 Aa. Ab.	Pine Brush	New South Wales (N.)	4,312	2
110 Aa. Ab.	Mountain Ash	Queensland	4,298	2
6 A. B. (C.) D.	Ixora Thozetiana, F.M.	Do.	4,284	2
11 A. B. C. D.	Riga Oak	Russia	4,280	3
17 A. B.	Broad-leaved Box Tree	Victoria	4,277	4
75 Aa. Ab. Ac.	Sapodilla	British Honduras	4,256	1
46 A. B.	Waddy Wood	Tasmania	4,256	3
28 A. B. C. D.	Catha Cunninghami	Queensland	4,256	2
7 A. B. C.	Native Plum	New South Wales (N.)	4,251	4
60 A. B.	Hickory, Lignum Vitæ	Victoria	4,243	3
62 A. B.	Box	New South Wales (N.)	4,242	2
		Queensland	4,214	2

TABLE VII.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
47 A. B.	Lime	Queensland	4,214	2
52 A. B. C. D.	Apple Tree of Coast	New South Wales (S.)	4,200	4
4,661 A. B.	Jomrassee	East India	4,181	1
10,406 A. B.	Bingah	Do.	4,162	2
104 A. B.	Bitter Bark	New South Wales (N.)	4,158	2
4 A. B.	Sersalisia sericea, R.B.	Victoria	4,144	1
97 A. B.	Nararyillo Amgrillo	Queensland	4,144	2
218 A. B. (C.) D.		Trinidad	4,137	3
28 A. B. C. D.		Victoria	4,137	4
	Cyminosma Oblongifolia	Queensland	4,116	3
48 A. B.	Blue Gum	Tasmania	4,113	3
558 A. B. C.	Iron Wood	New South Wales (N.)	4,106	2
106 A. B.	Larrabee	Do. (N.)	4,088	2
36 A. B.	Light Wood	Queensland	4,088	2
19 A. B.	Crab Tree	Do.	4,060	2
91 A. B.	Cyminosma Oblongifolia	Do.	4,046	2
48 A. B. Ad.	Croton Pheballoides, R.B.	Do.	4,032	2
81 A. B. Ad.	Mint Tree	Victoria	4,032	2
5 A. B. Ad. (Ac.)		Do.	4,006	4
29 A. B. C. D.	Myrtle	Queensland	4,004	2
58 A. B.	Gommier	Trinidad	4,004	4
187 A. B. C. D.	Bricklow	Queensland	4,004	2
122 A. B.		Victoria	4,004	4
34 A. B. C. D.	Red Mangrove	Trinidad	3,976	2
265 A. B.	Yellow Candle Wood	Jamaica	3,957	2
228 A. B.	Stringy Bark	Victoria	3,934	4
35 A. B. C. D.	Broad-leaved Rough Iron	New South Wales (S.)	3,923	4
4 A. B. C. D.	Bark.			
1,214 A. (B.)	Doodhee	East India	3,920	1
10,434 A. (B.)	Theetmin	Do.	3,920	1
7,075 A. (B.)	Jermalang	Do.	3,920	1
202 A. B. C. D.	Olivier	Trinidad	3,910	4
25 A. B.	Cherry	Queensland	3,901	2
5,610 A. (B.)	Koozoom	East India	3,892	1
45 A. B. Ad.	Schmidelia pyramiformis	Queensland	3,892	2
63 A. B.	Flintamendosa	New South Wales (N.)	3,882	2
110 (A.) B.	Ixora Thozetiana, F.M.	Queensland	3,864	1
4,664 A. (B.)	Ghattoo	East India	3,864	1
24 A. B.	Broad-leaved Cherry Tree	Queensland	3,864	2
25 A. B. C. D.	Roughed-barked Gum	New South Wales (S.)	3,864	4
117 A. B.	Rosewood	Queensland	3,864	2
10,348 A. B.	Petwood	East India	3,859	2
166 A. B. C.	Soap-nut Tree (Bois	Trinidad	3,854	3
	Corticera.)			
10,359 A. (B.)	Toung-tha-lay	East India	3,836	1
185 A. B. C. D.	Noyer	Trinidad	3,833	4
10 A. B. C. D.	Woolly Butt	Victoria	3,829	4
155 A. B. C. D.	Tapana	Trinidad	3,822	2
280 A. B. C. D.	Genipa	Do.	3,819	4
58 A. B.	Myrtle	Queensland	3,780	1
30 A. (B.)	Beech	Do.	3,780	1
13 A. B. Ad.	Bastard Box	New South Wales (S.)	3,780	2
4,751 A. B.	Iron Wood	East India	3,775	3
67 A. B.	Spotted Gum	Queensland	3,766	2
24 A. B. Ad.	Broad-leaved Cherry Tree	Do.	3,752	2
11 A. B. C. D.	Bastard Box of Hlawarra	New South Wales (S.)	3,752	4
26 C. D.	Spotted or Mottled Gum	Do. (S.)	3,752	2
32 A. B.	Plum Tree	Queensland	3,729	2
7 A. B. C. D.	Narrow-leaved, Smooth, or Red Iron Bark.	New South Wales (S.)	3,729	4
3 A. B.	Dark Yellow Wood	Queensland	3,710	2
10,379 A. (B.)	Padouk	East India	3,696	1
185 A. (B.)	Black Wood	Do.	3,696	1
144 (A.) B.	Bengha	Do.	3,696	1
243 A. B.	Acoma, or Mastic	Trinidad	3,686	2
29 A. B. Ad. Ac.		Victoria	3,672	4
113 A. B.	Mangrove	Queensland	3,658	2
291 A. B. C.	Red Candle Wood	Jamaica	3,646	3
3 A. B. C.	Goorie	New South Wales (N.)	3,645	3
10 A. B. Ad. Ac. (Ad.)	Woolly Butt	Victoria	3,637	3
85 A. B. C.	Peppermint	Tasmania	3,627	3
2,484 A. (B.)	Paunaga	East India	3,621	1

TABLE VII.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
7,527 A. B.	Neem - - -	East India - - -	3,612	1
111 A. B.	Notelaea Longifolia - - -	Queensland - - -	3,584	2
226 A. B. (C. D.)	Angelin - - -	Trinidad - - -	3,584	2
10,225 A. (B.)	Saul - - -	East India - - -	3,584	1
16 A. B. C. D.	Burneh, Bully, or Bullet Tree. - - -	British Guiana - - -	3,372	4
104 A. B. (C.)	- - -	East India - - -	3,564	2
5,600 A. (B.)	Sissoo, Black - - -	Do. - - -	3,556	1
4,668 A. (B.)	Dhowrah - - -	Do. - - -	3,556	1
23 A. B. C. D.	Urra Wimbie - - -	New South Wales (N.) - - -	3,504	4
372 A. B. C. D.	Blue Gum - - -	Tasmania - - -	3,490	4
10,440 A. (B.)	Baman - - -	East India - - -	3,472	1
372 A. B.	Beef Apple - - -	Jamaica - - -	3,472	2
3 C. D.	Narrow-leaved Iron Bark. - - -	New South Wales (S.) - - -	3,458	2
270 A. B.	Wild Guava - - -	Trinidad - - -	3,444	2
49 A. A. A. B.	Parviflora - - -	Queensland - - -	3,434	2
80 A. A. A. B.	Bottle Brush Tree - - -	Do. - - -	3,416	2
103 A. B.	Grey Gum - - -	New South Wales (N.) - - -	3,398	2
276 A. B.	Guatcare - - -	Trinidad - - -	3,378	2
2 A. A. A. B. A. C. A. D.	Grey Box Tree - - -	Victoria - - -	3,378	4
60 A. B.	Myrtus Australis - - -	Queensland - - -	3,374	2
8 C. A. C. B. C. C. C. D.	Black Wood - - -	Tasmania - - -	3,374	4
43 A. A. A. B.	Tamarind Tree - - -	Queensland - - -	3,360	2
10,489 A. B.	Kya Ya - - -	East India - - -	3,360	2
65 A. A. A. B.	Red Iron Bark - - -	Queensland - - -	3,346	2
8 A. (B.)	Pimento - - -	British Honduras - - -	3,352	1
10,399 A. B.	Laizah - - -	East India - - -	3,332	2
73 A. B.	Blue Gum - - -	Queensland - - -	3,332	2
60 A. A.	Myrtus Australis - - -	Do. - - -	3,320	1
61 A. (B.)	N. O. Myrtaceae - - -	Do. - - -	3,304	1
10,491 A. B.	Zangyeoat-doup - - -	East India - - -	3,304	2
46 D.	- - -	Victoria - - -	3,285	1
10,485 A. B. C.	Padouk - - -	East India - - -	3,257	3
4,664 A. (B.)	Becjah - - -	Do. - - -	3,248	1
3,955 A. (B.)	Kardahoe - - -	Do. - - -	3,248	1
177 A.	Spoke of a Wheel - - -	New South Wales (S.) - - -	3,220	1
64 A. B.	Tea Tree - - -	Do. (N.) - - -	3,220	2
108 A. A. A. B.	Gerjoria Salicifolia - - -	Queensland - - -	3,206	2
93 A. A. A. B.	N. O. Sterculicia - - -	Do. - - -	3,192	2
19 A. A. A. B.	Light Wood - - -	Do. - - -	3,178	2
10,420 A. (B.)	Than-day - - -	East India - - -	3,173	1
55 A. A. A. B.	Myrtus Trinervis - - -	Queensland - - -	3,122	2
217 A. B.	Locust - - -	Trinidad - - -	3,098	2
38 A. A. A. B.	Grey Plum - - -	Queensland - - -	3,066	2
19 (A.) B. C.	Cedar - - -	Liberia - - -	3,038	2
21 (A.) B. C. D.	Black Oak - - -	Do. - - -	3,024	3
22 A. B. C. D.	Iron Bark - - -	Victoria - - -	3,012	4
14 A. B. C. D.	Bastard Box - - -	New South Wales (S.) - - -	2,989	4
2,471 A. (B.)	Kasso - - -	East India - - -	2,987	1
111 A. A. A. B.	Notelaea Longifolia - - -	Queensland - - -	2,968	2
47 A. (B.)	Stringy Bark, App'n - - -	New South Wales (S.) - - -	2,968	1
51 A. B.	Cargillia australis - - -	Queensland - - -	2,968	2
7,622 A. B. C. D.	Oak An - - -	East India - - -	2,958	3
104 A. B.	Found in the Bucklow Scrubs. - - -	Queensland - - -	2,921	2
4,680 A. (B.)	Surreye - - -	East India - - -	2,912	1
38 A. B. C. D.	Native Cherry Tree - - -	Victoria - - -	2,905	4
79 A. B.	Common Tea Tree - - -	Queensland - - -	2,893	2
200 A. B. C. D.	Laurier Canelle - - -	Trinidad - - -	2,891	4
63 A. A. A. B.	Black Iron Wood - - -	Queensland - - -	2,884	2
5,597 A. (B.)	Gurunga - - -	East India - - -	2,823	1
3,950 A. (B.)	Kaim - - -	Do. - - -	2,800	1
147 A. (B.)	Terwah - - -	Do. - - -	2,800	1
10,475 A. B.	Manu Auka - - -	Do. - - -	2,790	2
11 A. B. C.	Black Gum - - -	Liberia - - -	2,787	3
32 A. A. A. B.	Plum Tree - - -	Queensland - - -	2,786	2
40 A. B. C. D.	Messmate - - -	New South Wales (S.) - - -	2,765	4
72 A. B.	Woolly Butt - - -	Queensland - - -	2,758	2
38 A. B. C. D.	Grey Gum from Brisbane Water. - - -	New South Wales (S.) - - -	2,744	4
1 A. (B.)	Bogum-bogum - - -	Do. (N.) - - -	2,744	1
5,599 A. (B.)	Teak Sagoon - - -	East India - - -	2,725	1
267 A. B. C. D.	White Bully Tree - - -	Jamaica - - -	2,716	4

TABLE VII.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
4,659 A. (B.)	Doodheea Sagoon	East India	2,716	1
169 A. B. C. D.	Paraman	Trinidad	2,709	1
4,662 A. B.	Dhengkum	East India	2,688	1
10,390 A. B.	Htounkgyan	Do.	2,680	2
12 Aa. Ab.	Flindosa	Queensland	2,660	2
69 A. B.	Smooth-barked Gum	Do.	2,660	2
7,581 A. B.		East India	2,651	1
86 A. B.	Woodupar	Do.	2,646	2
54 A. B.	Myrtus Argentea	Queensland	2,646	2
10,388 A. B.	Pangah	East India	2,632	2
30 A. B. C.		Do.	2,613	3
115 A. B.	Acacia, sp.	Queensland	2,604	2
68 Aa. Ab.	Turpentine Tree	Do.	2,590	2
15 A. B.	Mabinjuh or Mabinjuh	British Honduras	2,576	1
10,381 A. (B.)	Tintsee	East India	2,576	1
7,089 A. B.	Bintaling	Do.	2,576	3
206 A. B. C. (D.)	Bois de Fer	Trinidad	2,548	1
64 A. B.	Grey Iron Bark	Queensland	2,534	2
114 A. B.	Brush Iron Bark	New South Wales (N.)	2,520	2
328 A. B.	Black Bullet Tree	Jamaica	2,506	2
27 A. B. C.	Native Tamarind	New South Wales (N.)	2,482	3
373 A. B. C. D.	Stringy Bark	Tasmania	2,471	1
4,657 A. (B.)	Saba Sagoon, Teak	East India	2,464	1
94 A. (B.)	Silver Tree	Queensland	2,464	1
67 Aa. Ab.	Spotted Gum	Do.	2,450	2
10 A. B. C.	Cedar	Liberia	2,445	3
72 Aa. Ab.	Woolly Butt	Queensland	2,436	1
64 Aa. Ab.	Grey Iron Bark	Do.	2,436	2
7,071 A. (B.)	Murbow	East India	2,352	1
5,608 A. (B.)	Koozoom	Do.	2,362	1
63 A. B.	Black Iron Wood	Queensland	2,352	2
83 A. B.	Rottlera	Do.	2,352	2
99 Aa. (Ab.)	Bean Tree	Do.	2,352	1
12 A. B.	Flindosa	Do.	2,342	2
66 A. B.	Bastard Myall	New South Wales (N.)	2,338	2
51 A. B. (C.) D.	Pencil Cedar	Do. (N.)	2,334	3
66 Aa. Ab.	Stringy Bark	Queensland	2,324	2
14 A. B. C. D.	Houbaballi	British Guiana	2,310	4
373 Ca. (Cb.) Cc.	Stringy Bark	Tasmania	2,296	1
222 A. B. C. D.	Bois Mulatre	Trinidad	2,287	4
7,067 A. (B.)	Bia-babi	East India	2,264	1
17 A. B.	Brimstone	Liberia	2,188	2
10,386 A. (B.)	Nabhay	East India	2,184	1
10,410 A. (B.)	Htengalsh	Do.	2,184	1
4,658 A. (B.)	Putteereca Sagoon	Do.	2,146	1
10,356 A. B.	Engyin	Do.	2,146	2
102 A. B.	Ebenaceae	Queensland	2,144	2
93 A. B.	N. O. Sterculia	Do.	2,142	2
6,550 A. B.	Pangah	East India	2,128	1
112 Aa. Ab.	N. O. Cuparidaceae	Queensland	2,128	2
10,362 A. B.	Gojo	East India	2,128	2
10,357 A. (B.)	Theya	Do.	2,128	1
7,514 A. B.	Sakhoo	Do.	2,128	2
63 A. B.	Turpentine Tree	Queensland	2,114	2
10,397 A. (B.)	Thabyehgab	East India	2,096	1
168 A. B. C. D.	Surette	Trinidad	2,090	1
171 A. B. C. D.	Galba	Do.	2,072	1
71 Aa.	Swamp Mahogany	Queensland	2,072	1
71 A. B.	Do.	Do.	2,067	2
123 A. B.	Acacia	Do.	2,058	2
50 Aa. Ab.	Maba Geminate	Do.	2,044	2
1 A. B.	Gulgis	New South Wales (N.)	2,044	2
86 A. (B.)		Queensland	2,044	1
24 A. B.	Woolly Butt of Illawarra	New South Wales (S.)	2,044	2
79 Aa. (Ab.)	Common Tea Tree	Queensland	2,040	1
10,426 A. B. C.	Kuyon Teak	East India	2,012	3
196 A. B.	Beef Wood	Trinidad	1,988	2
6,551 A. (B.)	Lein	East India	1,988	1
2,474 A. (B.)	Brombong	Do.	1,960	1
10,355 A. B.	Thurgadoe	Do.	1,966	2
5,598 A. (B.)	Sol	Do.	1,962	1
5 A. (B.)	Kakaralli	British Guiana	1,904	1
2,465 A. (B.)	Marabow	East India	1,848	1
6,548 A. (B.)	Nabhay	Do.	1,829	1

TABLE VII.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
29 A. (B. C.)	Hitchia - - -	British Guiana - -	1,792	1
207 A. B. C. D.	Cauto - - -	Trinidad - - -	1,715	4
7,086 A. (B.)	Dammer-laut - -	East India - - -	1,680	1
373 Aa. Ab. Ac.	Stringy Bark - -	Tasmania - - -	1,593	4
Ad.	River Oak - - -	Queensland - - -	1,568	1
7 A.	Toung-za-lat - -	East India - - -	1,512	2
10,416 A. B.	Acacia saphindoides - -	Queensland - - -	1,502	2
118 Aa. Ab.	Londya - - -	East India - - -	1,456	1
3,954 A. (B.)	Hnan - - -	Do. - - -	1,400	2
10,406 A. B.	Thin Gan - - -	Do. - - -	1,381	2
7,618 A. B.	Dwa Nee - - -	Do. - - -	1,344	1
10,349 (A.) B.	Klay Dang - - -	Do. - - -	1,232	1
2,493 A. (B.)	Klat Mera - - -	Do. - - -	1,232	1
2,470 A. (B.)	Marsawa - - -	Do. - - -	1,204	1
2,476 A. (B.)	Bayang Bada - -	Do. - - -	1,008	1
9,239 A. (B.)	Klat - - -	Do. - - -	928	1
7,072 A. (B.)	- - -	Queensland - - -	784	2
97 Aa. Ab.	- - -	Do. - - -	635	1
87 (A.) B.	Leichhardt's Wood - -	Austria. - - -	..	..
24 A. B.	Pinus Piceæ - - -	Do. - - -	..	..
21 A. B. C.	Do. - - -	Do. - - -	..	..
24 Aa.	Do. - - -	Do. - - -	..	..
22 A. B. C. D.	Do. - - -	Do. - - -	..	..
24 Ba.	- - -	Do. - - -	..	..
20 A. B. C. D.	Pinus Piceæ - - -	Do. - - -	..	..
26 Aa. Ab. Ac.	Green Heart - - -	British Guiana. - -	..	..
Ad.	Sipiri or Green Heart - -	Do. - - -	..	..
26 A. B. C. D.	Pasak - - -	British Honduras. -	..	..
10 A. B.	Satin Wood - - -	Ceylon. - - -	..	..
4 A.	Saming - - -	Do. - - -	..	..
3 A.	Halmolili - - -	Do. - - -	..	..
1 A.	Iron or Beef Wood - -	Do. - - -	..	..
2 A.	Arar - - -	East India. - - -	..	..
7,522 A. B.	Asna or Asan - - -	Do. - - -	..	..
7,529 A. B.	Jurai - - -	Do. - - -	..	..
7,064 A. B.	- - -	Do. - - -	..	..
9,247 A. B.	- - -	Do. - - -	..	..
7,066 A. B.	Rungas - - -	Do. - - -	..	..
7,070 A. B.	Bahkoh - - -	Do. - - -	..	..
2,462 A. B.	Balow - - -	Do. - - -	..	..
10,465 A. B.	Dedoup Tha - - -	Do. - - -	..	..
9,210 A. B.	Brangan - - -	Do. - - -	..	..
6,544 A. B.	Pouktheuma - my - ek-Kyok. - - -	Do. - - -	..	..
2,462 A. B.	Balow - - -	Do. - - -	..	..
1,771 A. B.	Toon - - -	Do. - - -	..	..
1,219 A. B.	Do. - - -	Do. - - -	..	..
145 A.	Bon - - -	Do. - - -	..	..
1,772 A. B.	Chump - - -	Do. - - -	..	..
10,369 A. B.	Yimma - - -	Do. - - -	..	..
7,092 A. B.	Madang Serai - -	Do. - - -	..	..
7,525 A. B.	Aum - - -	Do. - - -	..	..
14 A. B. C. D.	Carpinus betulus - -	Hungary. - - -	..	..
9 A. B. C. D.	Quercus robur - -	Do. - - -	..	..
2 A. B. C. D.	Sorbus terminalis - -	Do. - - -	..	..
3 A. B. C. D.	- - -	Do. - - -	..	..
13 A. B. C. D.	Quercus - - -	Do. - - -	..	..
23 A. B.	- - -	Do. - - -	..	..
17 A. B. C.	Fagus sylvatica - -	Do. - - -	..	..
25 A. B. C. D.	- - -	Do. - - -	..	..
11 A. B.	Pyrus malus - - -	Do. - - -	..	..
10 A. B. C. D.	- - -	Do. - - -	..	..
8 A. B. C. D.	Betula alba - - -	Do. - - -	..	..
5 A. B. C. D.	- - -	Do. - - -	..	..
4 A. B. C. D.	Fraxinus excelsior - -	Do. - - -	..	..
7 A. B. C. D.	Acer pseudo-platanus -	Do. - - -	..	..
1 A. B. C. D.	Acer platanoides - -	Do. - - -	..	..
6 A. B. C. D.	Acer pseudo-platanus -	Do. - - -	..	..
27 A. B. C.	- - -	Do. - - -	..	..
28 A. B.	- - -	Do. - - -	..	..
16 A. B.	Salix viminalis - -	Do. - - -	..	..
15 A. B.	Salix caprea - - -	Do. - - -	..	Average of experiments.

TABLE VII.—continued.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
208 A. B. C. D.	Cauto - - -	Jamaica.	..	..
407 A.	Star Apple - - -	Do.	..	..
312 A. B. C.	Juniper Cedar - - -	Do.	..	..
343 A. B. C.	Casapa Wood - - -	Do.	..	..
329 A. B. C.	Galla Pear - - -	Do.	..	..
8 A. B.	Iron Bark - - -	New South Wales, Hunter's River.	..	..
1 A.	Blue Gum - - -	Do.	..	..
5 A. B.	Iron Bark - - -	Do.	..	..
7 A. A.	Tea Tree - - -	Do.	..	..
9 A.	Blue Gum - - -	Do.	..	..
7 A.	Tea Tree - - -	Do.	..	..
3 A.	Grey Gum - - -	Do.	..	..
6 A.	Mahogany - - -	Do.	..	..
9 A.	Pine - - -	Do.	..	..
2 A. B.	Goorie? - - -	New South Wales (N.)	..	..
9 A. B.	- - -	Do. (N.)	..	..
8 A. B.	Coorong Cypress Pine - - -	Do. (N.)	..	..
176-16?	Polai Cedar - - -	Do. (S.)	..	..
100	- - -	Queensland	..	No experiment.
37 A. B.	Capparis Mitchelli - - -	Do.	..	..
95 A. E.	- - -	Do.	..	..
14 A. B.	Flindersia selwiniana - - -	Do.	..	..
160 A. A. A. B.	Ebenaceae - - -	Do.	..	..
92 A. A. A. B.	Anacardiaceae - - -	Do.	..	..
18 A. B.	Aralia Elegans - - -	Do.	..	..
21 A. B.	Cabbage Tree - - -	Do.	..	..
112 A. B.	Capparidaceae - - -	Do.	..	..
1 A. B.	Bunya Bunya - - -	Do.	..	..
114 A. A. A. B.	Celtis, sp. - - -	Do.	..	..
1 A. A. A. B.	Bunya Bunya - - -	Do.	..	..
2 A. B.	Moreton Bay - - -	Do.	..	..
2 A. A. A. B.	Moreton Bay Pine - - -	Do.	..	..
101	- - -	Do.	..	No experiment.
1 A. B. C. D.	Riga Fir - - -	Russia.	..	..
67 A. B. C.	Sassafras - - -	Tasmania.	..	..
363 A. B. C. D.	Gum Topped Stringy Bark or White Gum. - - -	Do.	..	..
102 A. B. C. D.	Silver Wattle - - -	Do.	..	..
364 A. B.	Peppermint - - -	Do.	..	..
556 A. B. C.	Blue Gum - - -	Do.	..	..
180 B. C. D.	Crab Tree - - -	Trinidad.	..	..
163 A.	Thespesia populnea - - -	Do.	..	..
167 A. B. C.	Cacapoule - - -	Do.	..	..
270 A. A. A. B. A. C.	Wild Guava - - -	Do.	..	..
158 A. B. C. D.	Garlick Pear - - -	Do.	..	..
162 A. B.	Mahoe - - -	Do.	..	..
268 A. B. C. D.	Cauto - - -	Do.	..	..
205 A. B. C. D.	Cantaro - - -	Do.	..	No experiment.
39 A. B. C. D.	Spurious Mulberry Tree	Victoria.	..	..

TABLE VIII.

EXPERIMENTS for ASCERTAINING the RECOVERY from DEFLECTION  
on the REMOVAL of the STRAIN at every 1,120 lbs.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
AUSTRIA.					
No experiments.					
BRITISH GUIANA.					
5 A.	Kakaralli	2,240	•091	•018	•073
7 B.	Moraballi or Mooraballi	2,240	•110	•056	•054
7 C.	Do.	3,360	•168	•073	•095
7 D.	Do.	2,240	•064	•001	•063
14 A.	Houbaballi	2,240	•159	•035	•124
14 C.	Do.	2,240	•131	•071	•060
15 B.	Mora	2,240	•060	•006	•054
15 C.	Do.	4,480	•178	•032	•146
15 D.	Do.	2,240	•073	•022	•051
16 A.	Burneh, Bully, or Bullet Tree	2,240	•066	•034	•032
16 B.	Do.	4,480	•119	•033	•086
16 C.	Do.	6,720	•201	•046	•155
16 D.	Do.	2,240	•046	•004	•042
16 Aa.	Do.	4,480	•060	•010	•030
16 Ab.	Do.	6,720	•155	•024	•131
18 A.	Caraba or Crab Wood	2,240	•081	•079	•002
18 C.	Do.	2,240	•113	•002	•116
20 A.	Cumara or Tonka	2,240	•054	•001	•053
20 B.	Do.	4,480	•096	•010	•086
26 B.	Do.	2,240	•058	•0	•053
26 B.	Do.	3,360	•074	•0	•074
26 B.	Do.	4,480	•097	•001	•096
26 B.	Do.	5,000	•129	•004	•125
26 B.	Do.	2,240	•059	•022	•037
26 Ac.	Greenheart	4,480	•117	•037	•080
26 Ac.	Do.	6,720	•181	•050	•131
26 Ac.	Do.	3,360	•201	•032	•169
29 A.	Hitchia	2,240	•130	•040	•090
29 B.	Do.	3,360	•260	•085	•175
BRITISH HONDURAS.					
1 A.	Siricote	2,240	•070	•0	•079
1 A.	Do.	3,360	•116	•003	•113
1 A.	Do.	4,480	•182	•014	•168
1 C.	Do.	2,240	•116	•006	•110
1 C.	Do.	3,360	•214	•034	•180
2 A.	Cranadilla	2,240	•082	•003	•070
2 A.	Do.	3,360	•103	•006	•097
2 A.	Do.	4,480	•142	•008	•124
2 A.	Do.	5,600	•179	•017	•162
2 B.	Do.	6,720	•214	•024	•190
3 A.	Chichem	2,240	•171	•030	•141
3 B.	Do.	2,240	•107	•0	•107
3 B.	Do.	3,360	•178	•038	•140
3 C.	Do.	2,240	•098	•012	•086
3 C.	Do.	3,360	•146	•023	•123
4 A.	Canasin	2,240	•058	•0	•058
4 A.	Do.	3,360	•075	•0	•075
4 A.	Do.	4,480	•093	•002	•091
4 A.	Do.	5,600	•120	•006	•114
4 A.	Do.	6,720	•146	•014	•132
4 A.	Do.	7,840	•188	•022	•166
4 A.	Do.	8,960	•269	•033	•236
6 A.	Chucxax	2,240	•084	•006	•078
6 A.	Do.	3,360	•123	•017	•106
6 A.	Do.	4,480	•194	•020	•174
8 A.	Pimento	2,240	•080	•004	•076
8 A.	Do.	3,360	•108	•010	•098
8 A.	Do.	4,480	•150	•020	•130

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Perman. Set.	Recovery from Deflection on Removal of Strain.
<b>BRITISH HONDURAS.</b>					
11 A.	Chucya	2,240	.088	.0	.088
11 A.	Do.	3,360	.130	.011	.116
11 A.	Do.	4,480	.201	.026	.175
13 A.	Bullet Wood	2,240	.083	.0	.083
13 A.	Do.	3,360	.093	.001	.092
13 A.	Do.	4,480	.118	.007	.111
13 A.	Do.	5,600	.168	.018	.149
13 A.	Do.	6,720	.232	.033	.200
13 B.	Do.	2,240	.079	.001	.078
14 A.	Tastab	3,360	.112	.016	.096
14 A.	Do.	4,480	.127	.028	.100
14 A.	Do.	5,600	.200	.050	.150
14 A.	Do.	2,240	.071	.0	.071
15 A.	Mabinjuh or Mabinjuh	3,360	.107	.004	.103
15 A.	Do.	4,480	.164	.015	.149
15 A.	Do.	2,240	.087	.004	.083
16 A.	Subin or Cubin	3,360	.138	.019	.119
16 A.	Do.	4,480	.212	.048	.164
16 A.	Do.	2,240	.086	.004	.082
17 A.	Sapodilla	3,360	.120	.010	.110
17 A.	Do.	4,480	.196	.028	.168
17 A.	Do.	2,240	.117	.0	.117
18 A.	Kas Kat	3,360	.093	.085	.199
18 A.	Do.	2,240	.087	.002	.085
21 A.	Caoutchouc	3,360	.115	.008	.107
21 A.	Do.	4,480	.148	.010	.138
21 A.	Do.	5,600	.186	.012	.174
21 A.	Do.	6,720	.249	.028	.214
21 B.	Do.	7,840	.277	.031	.246
21 C.	Do.	2,240	.090	.0	.090
21 C.	Do.	3,360	.117	.004	.113
21 C.	Do.	4,480	.156	.014	.142
21 C.	Do.	5,600	.222	.029	.193
22 C.	Yaxnic	2,240	.178	.030	.148
23 A.	Yaxnic or Yaxnic	2,240	.106	.015	.091
23 A.	Do.	3,360	.203	.035	.168
25 A.	Roble Blanco	2,240	.102	.002	.100
25 A.	Do.	3,360	.160	.023	.138
25 A.	Do.	4,480	.294	.042	.252

**CEYLON.**

No experiments.

**EAST INDIA.**

23 A.	Samak or Sumach	2,240	.132	.017	.115
30 B.	-	2,240	.071	.009	.062
30 B.	-	4,480	.180	.031	.149
30 C.	-	2,240	.090	.001	.081
30 C.	-	3,360	.128	.012	.116
30 C.	-	4,480	.180	.024	.156
72 B.	-	2,240	.167	.027	.140
72 C.	-	2,240	.170	.029	.141
80 A.	-	2,240	.065	.0	.065
80 A.	-	3,360	.090	.004	.086
80 A.	-	4,480	.127	.010	.117
86 B.	Woodunpas	2,240	.112	.034	.078
104 A.	-	2,240	.070	.003	.067
104 A.	-	4,480	.146	.016	.130
104 C.	-	2,240	.073	.004	.069
104 C.	-	3,360	.103	.008	.095
104 C.	-	4,480	.142	.011	.131
104 C.	-	5,600	.213	.022	.191
149 A.	Sandal Wood	2,240	.077	.009	.068
149 A.	Do.	4,480	.135	.011	.121
144 A.	Bengha	2,240	.086	.013	.073
145 A.	Bou	2,240	.090	.015	.077
147 A.	Terruvah	2,240	.070	.010	.060
147 A.	Do.	3,360	.100	.012	.088

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
EAST INDIA.					
147 A.	Terruvah	4,480	.133	.016	.117
147 A.	Do.	5,600	.176	.024	.152
185 A.	Blackwood	2,240	.086	.015	.071
185 A.	Do.	3,360	.117	.017	.100
185 A.	Do.	4,480	.153	.023	.130
1,214 A.	Doodhee	2,240	.159	.032	.127
1,215 A.	Karee	2,240	.142	.020	.122
1,219 A.	Toon	2,240	.157	.030	.127
1,220 A.	Unjun	2,240	.116	.008	.108
1,220 A.	Do.	4,480	.216	.021	.195
1,772 A.	Chump	2,240	.146	.042	.106
2,345 A.	Tenasserim Mahogany	2,240	.071	.017	.064
2,345 A.	Do.	3,360	—	—	—
2,345 A.	Do.	4,480	.123	.024	.099
2,345 A.	Do.	5,600	—	—	—
2,345 A.	Do.	6,720	.227	.048	.179
2,462 B.	Balay	2,240	.064	.018	.046
2,462 B.	Do.	3,360	—	—	—
2,462 B.	Do.	4,480	.109	.022	.087
2,462 B.	Do.	5,600	—	—	—
2,462 B.	Do.	6,720	.187	.028	.159
2,465 A.	Marabow	2,240	.075	.008	.067
2,465 A.	Do.	3,360	.104	.010	.094
2,468 A.	Pannaya	2,240	.045	.006	.039
2,468 A.	Do.	3,360	.068	.009	.059
2,468 A.	Do.	4,480	.079	.010	.069
2,468 A.	Do.	5,600	.094	.011	.083
2,468 A.	Do.	6,720	.115	.011	.104
2,468 A.	Do.	7,840	.140	.016	.124
2,470 A.	Klat Mera	2,240	.076	.020	.056
2,471 A.	Kasso	2,240	.048	.012	.036
2,471 A.	Do.	3,360	—	—	—
2,471 A.	Do.	4,480	.079	.017	.062
2,471 A.	Do.	5,600	—	—	—
2,471 A.	Do.	6,720	.133	.025	.108
2,474 A.	Brombony	2,240	.078	.010	.068
2,474 A.	Do.	3,360	.109	.014	.095
2,474 A.	Do.	4,480	.156	.023	.133
2,477 A.	Do.	2,240	.123	.062	.061
2,476 A.	Marsawa	2,240	.074	.015	.059
2,493 A.	Klaydang	4,480	.186	.040	.146
2,493 A.	Do.	2,240	.138	.008	.130
3,948 A.	Siris	2,240	.117	.015	.102
3,949 A.	Hurdoo	2,240	.150	.034	.116
3,950 A.	Kaim	2,240	.148	.011	.137
3,951 A.	Pindra	2,240	.091	.018	.073
3,952 A.	Jymungul	4,480	.212	.044	.168
3,952 A.	Do.	2,240	.148	.010	.133
3,953 A.	Rohnce	3,360	.203	.027	.176
3,953 A.	Do.	4,480	.330	.054	.276
3,953 A.	Do.	2,240	.142	.055	.087
3,954 A.	Londya	2,240	.117	.023	.094
3,955 A.	Kardahee	2,240	.111	.021	.090
3,956 A.	Taman	2,240	.118	.025	.093
3,957 A.	Tine, or Sissoc	2,240	.097	.024	.073
3,961 A.	Mowah	3,360	—	—	—
3,961 A.	Do.	4,480	.256	.075	.181
3,961 A.	Do.	2,240	.125	.006	.119
4,657 A.	Seba Sagoon, Teak	2,240	—	—	—
4,659 A.	Doodheea Sagoon	3,360	.179	.016	.163
4,659 A.	Do.	2,240	.088	.013	.075
4,660 A.	Surrye	3,360	—	—	—
4,660 A.	Do.	4,480	.205	.082	.173
4,660 A.	Do.	2,240	.082	.011	.071
4,661 A.	Jiomrassee	3,360	.181	.024	.107
4,661 A.	Do.	2,240	.089	.013	.076
4,662 A.	Dhengun	3,360	.139	.020	.119
4,662 A.	Do.	4,480	.240	.051	.189
4,662 A.	Do.	2,240	.191	.038	.153
4,663 A.	Saj	2,240	.085	.015	.070
4,664 A.	Beejah	3,360	.117	.015	.102
4,664 A.	Do.	4,480	.168	.031	.135

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
EAST INDIA.					
4,665 A.	Kowah	2,240	.103	.018	.085
4,665 A.	Do.	3,360	.170	.039	.140
4,665 A.	Do.	4,480	.347	.195	.242
4,666 A.	Ghattoo	2,240	.094	.007	.087
4,667 A.	Trosun	2,240	.145	.019	.126
4,668 A.	Dhowrah	2,240	.073	.008	.066
4,668 A.	Do.	3,360	—	—	—
4,668 A.	Do.	4,480	.142	.019	.123
4,668 A.	Do.	2,240	.074	0	.074
4,671 A.	Baubul	3,360	.106	.001	.105
4,671 A.	Do.	4,480	.156	.015	.141
4,671 A.	Do.	2,240	.182	.037	.145
4,672 A.	Khuanee	2,240	.053	.005	.047
4,754 A.	Ircu Wood	3,360	—	—	—
4,754 A.	Do.	4,480	.094	.010	.084
4,754 A.	Do.	5,600	—	—	—
4,754 A.	Do.	6,720	.142	.011	.131
4,754 A.	Do.	2,240	.079	.014	.056
5,009 A.	Keehar	3,360	—	—	—
5,009 A.	Do.	4,480	.154	.027	.127
5,009 A.	Do.	2,240	.116	.019	.097
5,597 A.	Garinga	2,240	.361	.011	.053
5,598 A.	Säl	3,360	.090	.014	.076
5,598 A.	Do.	4,480	.118	.018	.100
5,598 A.	Do.	5,600	.173	.031	.142
5,598 A.	Do.	6,720	.338	.067	.251
5,598 A.	Do.	2,240	.116	.005	.071
5,599 A.	Teak Sagoon	3,360	.195	.057	.138
5,599 A.	Do.	2,240	.068	.005	.065
5,600 A.	Sissoo, Black	3,360	.096	.007	.089
5,600 A.	Do.	4,480	.123	.011	.112
5,600 A.	Do.	5,600	.151	.018	.135
5,600 A.	Do.	6,720	.238	.039	.198
5,600 A.	Do.	2,240	.074	.014	.060
5,601 A.	Burdur	3,360	—	—	—
5,601 A.	Do.	4,480	.166	.029	.137
5,601 A.	Do.	2,240	.088	0	.088
5,602 A.	Abloos, or Kändoo	1,360	.133	.009	.124
5,602 A.	Do.	4,480	.199	.031	.168
5,602 A.	Do.	2,240	.228	.050	.178
5,603 A.	Do.	2,240	.174	.035	.099
5,604 A.	Gumbarree	3,360	.215	.065	.189
5,604 A.	Do.	2,240	.076	.018	.058
5,605 A.	Red Sissoo	3,360	—	—	—
5,606 A.	Do.	1,360	.152	.026	.156
5,606 A.	Do.	2,240	.085	.050	.045
5,607 A.	Peasal	3,360	.160	.063	.106
5,607 A.	Do.	1,360	.195	.077	.119
5,607 A.	Do.	2,240	.067	.016	.081
5,608 A.	Koozoona	2,240	.079	.014	.059
5,609 A.	Keehar	3,360	—	—	—
5,609 A.	Do.	4,480	.154	.027	.127
5,609 A.	Do.	2,240	.100	.009	.092
5,610 A.	Koozoona	3,360	—	—	—
5,610 A.	Do.	4,480	.200	.032	.148
5,610 A.	Do.	1,360	.079	.005	.071
6,542 A.	Assai	3,360	.124	.015	.109
6,542 A.	Do.	4,480	.227	.050	.168
6,545 A.	Do.	2,240	.168	.038	.129
6,547 A.	Do.	2,240	.110	.022	.085
6,548 A.	Do.	2,240	.085	.022	.063
6,548 A.	Do.	3,360	.164	.034	.139
6,549 A.	Do.	2,240	.181	.022	.169
6,550 A.	Do.	2,240	.090	.009	.083
6,550 A.	Do.	3,360	.145	.015	.139
6,751 A.	Do.	2,240	.107	.023	.084
7,065 A.	Gaham Bada	2,240	.115	.009	.111
7,065 A.	Do.	3,360	.178	.016	.163
7,065 A.	Do.	4,480	.303	.044	.259
7,066 A.	Rungas	2,240	.111	.007	.104
7,066 A.	Do.	3,360	.172	.030	.152
7,067 A.	Bia Babi	2,240	.085	0	.065
7,067 A.	Do.	3,360	.100	.001	.099

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Perman. Set.	Recovery from Deflection on Removal of Strain.
EAST INDIA.					
7,067 A.	Bia Babi	4,480	.157	.010	.147
7,067 A.	Do.	5,600	.260	.035	.225
7,071 A.	Murbow	2,240	.063	.0	.063
7,071 A.	Do.	3,360	.096	.0	.096
7,072 A.	Klat	2,240	.092	.009	.083
7,072 A.	Do.	3,360	.169	.026	.143
7,075 A.	Jermalang	2,240	.127	.002	.125
7,077 A.	Sittola	2,240	.176	.025	.151
7,086	Dammer-laut	2,240	.063	.0	.063
7,086	Do.	3,360	.091	.0	.091
7,086	Do.	4,480	.135	.010	.125
7,086	Do.	5,600	.235	.036	.199
7,086	Do.	5,600	.066	.0	.066
7,089 A.	Bintaling	2,240	.081	.006	.085
7,089 A.	Do.	3,360	.064	.004	.060
7,090 A.	Kumpas	2,240	.110	.020	.090
7,090 A.	Do.	3,360	.261	.063	.193
7,090 A.	Do.	4,480	.080	.005	.081
7,092 A.	Madang-Serai	2,240	.154	.017	.137
7,092 A.	Do.	3,360	.070	.0	.070
7,093 A.	Gading-gading	2,240	.090	.0	.090
7,093 A.	Do.	3,360	.113	.007	.105
7,093 A.	Do.	4,480	.148	.015	.133
7,093 A.	Do.	5,600	.216	.032	.184
7,093 A.	Do.	6,720	.162	.025	.137
7,234 B.	-	2,240	.100	.013	.087
7,514 A.	Sakho	2,240	.091	.0	.091
7,514 B.	Do.	3,360	.138	.003	.135
7,514 B.	Do.	2,240	.156	.021	.135
7,515 A.	-	2,240	.130	.014	.116
7,517 A.	Toon	2,240	.094	.016	.078
7,520 A.	-	2,240	.152	.018	.134
7,524 A.	Kaitha	2,240	.085	.017	.068
7,529 A.	Asna, or Asan	3,360	.142	.027	.115
7,529 A.	Do.	4,480	.262	.069	.193
7,529 A.	Do.	2,240	.088	.017	.071
7,531 A.	-	2,240	.129	.011	.118
7,618 B.	Thin Gan	2,240	.195	.050	.145
7,619 B.	Ah Nan	2,240	.081	.003	.073
7,622 B.	Oak An	2,240	.090	.013	.077
7,622 D.	Do.	3,360	—	—	—
7,622 D.	Do.	4,480	.218	.027	.191
7,622 D.	Do.	2,240	.112	.005	.107
7,629 A.	Bom Mai Za	2,240	—	—	—
7,629 B.	Do.	3,360	—	—	—
7,629 B.	Do.	4,480	—	—	—
7,629 B.	Do.	5,600	.150	.010	.140
7,629 B.	Do.	6,720	.108	.016	.182
7,629 B.	Do.	2,240	.157	.017	.140
7,665 A.	Dhane Eha	2,240	.136	.010	.126
7,674 A.	Touk Tsa	2,240	.172	.039	.133
7,674 B.	Do.	2,240	.116	.022	.094
7,677 A.	Tseck Tha	2,240	.135	.006	.129
9,233 A.	-	2,240	.123	.020	.103
9,240 A.	Brangan	2,240	.146	.014	.132
9,247 A.	-	2,240	.078	.006	.072
10,226 A.	Sissoo	2,240	.078	.010	.107
10,226 A.	Do.	3,360	.117	.032	.157
10,226 A.	Do.	4,480	.189	.015	.090
10,348 A.	Petwoon	2,240	.075	.015	.086
10,348 A.	Do.	3,360	.106	.020	.113
10,348 A.	Do.	4,480	.144	.031	.150
10,348 A.	Do.	5,600	.202	.052	.076
10,349 A.	Dwa Nee	2,240	.094	.018	.125
10,349 A.	Do.	3,360	.150	.025	.166
10,349 A.	Do.	4,480	.195	.029	.066
10,349 A.	Do.	2,240	.069	.003	.087
10,352 A.	Eng	3,360	.089	.012	.119
10,352 A.	Do.	4,480	.142	.023	.175
10,352 A.	Do.	5,600	.218	.043	.069
10,352 A.	Do.	2,240	.083	.014	.074
10,351 B.	Thin Gan	2,240	.092	.018	—
10,355 B.	Thingadoc	3,360	—	—	—
10,355 B.	Do.	4,480	.315	.066	.249
10,355 B.	Do.	2,240	.080	.020	.080
10,356 B.	Engyin	—	—	—	—

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Per-manent Set.	Recovery, (less D. Rec.) Re-versed Stair.
EAST INDIA.					
10,356 B.	Enggin	3,360	—	—	—
10,356 B.	Do.	4,480	*198	*046	*158
10,357 A.	Theya	2,240	*067	*016	*051
10,357 A.	Do.	3,360	—	—	—
10,357 A.	Do.	4,480	*120	*022	*098
10,358 A.	Gangan	2,240	*069	*002	*067
10,358 A.	Do.	3,360	—	—	—
10,358 A.	Do.	4,480	*105	*007	*098
10,358 A.	Do.	5,600	—	—	—
10,358 A.	Do.	6,720	*180	*023	*158
10,358 B.	Do.	6,720	*152	*010	*142
10,358 B.	Do.	7,840	*215	*033	*180
10,359 A.	Do.	2,240	*066	*0	*065
10,359 A.	Do.	3,360	*092	*0	*102
10,361 B.	Ponyet	2,240	*104	*010	*124
10,362 F.	Gao	2,240	*102	*014	*088
10,362 B.	Do.	3,360	*154	*034	*150
10,364 A.	Phay-song	2,240	*100	*020	*080
10,367 A.	Bumayza	2,240	*068	*002	*066
10,367 A.	Do.	3,360	*091	*004	*087
10,367 A.	Do.	4,480	*127	*010	*117
10,367 A.	Do.	5,600	*171	*024	*147
10,373 A.	Gnoo-shwoay?	2,240	*057	*0	*057
10,373 A.	Do.	3,360	*076	*001	*075
10,373 A.	Do.	4,480	*096	*003	*095
10,373 A.	Do.	5,600	*123	*004	*118
10,375 A.	May-za-lee	2,240	*100	*0	*100
10,375 A.	Do.	3,360	*150	*008	*152
10,376 A.	Yin-dike	2,240	*074	*005	*069
10,376 A.	Do.	3,360	*106	*010	*096
10,376 A.	Do.	4,480	*148	*010	*138
10,376 A.	Do.	5,600	*211	*006	*175
10,379 A.	Padouk	2,240	*046	*0	*046
10,379 A.	Do.	3,360	*065	*0	*075
10,379 A.	Do.	4,480	*087	*0	*087
10,379 A.	Do.	5,600	*120	*007	*113
10,379 A.	Do.	6,720	*172	*019	*153
10,380 A.	Kokoh	2,240	—	—	—
10,380 A.	Do.	3,360	*094	*014	*150
10,382 A.	Poukthenmanvek Kyouk	2,240	*069	*014	*092
10,382 A.	Do.	3,360	—	—	—
10,382 A.	Do.	4,480	*168	*030	*123
10,384 A.	Thitsee	2,240	*083	*017	*096
10,384 A.	Do.	3,360	—	—	—
10,384 A.	Do.	4,480	*182	*032	*156
10,388 B.	Pangah	2,240	*066	*016	*050
10,388 B.	Do.	3,360	—	—	—
10,388 B.	Do.	4,480	*124	*019	*105
10,390 A.	Htouggyan	2,240	*053	*0	*055
10,390 A.	Do.	3,360	*078	*0	*078
10,390 A.	Do.	4,480	*130	*011	*119
10,390 A.	Do.	5,600	*181	*016	*165
10,393 A.	Bamboney	2,240	*071	*0	*071
10,393 A.	Do.	3,360	*116	*008	*108
10,394 A.	Thabyehgjo	2,240	*071	*003	*088
10,394 A.	Do.	3,360	*100	*020	*120
10,397 A.	Thabyehgah	2,240	*074	*015	*070
10,397 A.	Do.	4,480	*154	*027	*127
10,399 A.	Laizah	2,240	*075	*001	*074
10,399 A.	Do.	3,360	*114	*009	*124
10,399 A.	Do.	4,480	*146	*005	*095
10,403 B.	Huan	2,240	*106	*016	*090
10,406 B.	Bingahe	2,240	*080	*0	*080
10,406 B.	Do.	3,360	—	—	—
10,406 B.	Do.	4,480	*172	*024	*148
10,409 A.	Hoin	2,240	*074	*0	*075
10,410 A.	H-anzalal	2,240	*051	*0	*051
10,410 A.	Do.	3,360	*076	*0	*076
10,410 A.	Do.	4,480	*105	*0	*105
10,410 A.	Do.	5,600	*144	*003	*142
10,410 A.	Do.	6,720	*201	*023	*170
10,415 A.	Khaboung	2,240	*057	*030	*207
10,416 A.	Toang-za-lat	2,240	*014	*0	*014
10,416 A.	Do.	3,360	*100	*008	*092

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
EAST INDIA.					
10,416 A.	Toung-za-lat	4,480	.215	.024	.191
10,417 A.	Paet-than	2,240	.102	.0	.102
10,417 A.	Do.	3,360	.162	.008	.154
10,417 A.	Do.	4,480	.277	.050	.227
10,419 B.	Tha-khooat-ma	2,240	.178	.083	.145
10,420 B.	Do.	2,240	.062	.020	.062
10,420 B.	Than-day	3,360	—	—	—
10,420 B.	Do.	1,480	.208	.040	.168
10,426 A.	Kuyon Teak	2,240	—	—	—
10,426 A.	Do.	3,360	.240	.035	.205
10,426 B.	Do.	2,240	.096	.0	.096
10,426 B.	Do.	3,360	.204	.020	.184
10,426 B.	Do.	2,240	.163	.020	.143
10,427 B.	Yemaneh	2,240	—	—	—
10,430 A.	Tounbien	2,240	.131	.011	.120
and C.		2,240	.179	.082	.147
10,430 A.	Do.	2,240	.202	.051	.151
10,430 B.	Do.	2,240	.089	.020	.069
10,434 A.	Theetmin	3,360	—	—	—
10,434 A.	Do.	4,480	.200	.034	.166
10,434 A.	Do.	2,240	.149	.022	.127
10,435 A.	Tinyooben	2,240	.164	.040	.124
10,438 B.	Nasha	2,240	.048	.0	.048
10,440 A.	Baman	3,360	.068	.0	.068
10,440 A.	Do.	4,480	.097	.0	.097
10,440 A.	Do.	5,600	.138	.004	.134
10,440 A.	Do.	2,240	.103	.012	.096
10,475 A.B.	Manee Auka	3,360	—	—	.223
10,475 A.B.	Do.	4,480	.259	.036	.096
10,475 A.B.	Do.	2,240	.096	.0	.104
10,476 A.	Ngoo Tha	2,240	.115	.011	.108
10,476 C.	Do.	3,360	.226	.028	.054
10,476 C.	Do.	2,240	.054	.0	.080
10,477 A.	Kay Yoob	3,360	.080	.0	.111
10,477 A.	Do.	4,480	.112	.001	.147
10,477 A.	Do.	5,600	.162	.015	.223
10,477 A.	Do.	6,720	.269	.046	.063
10,477 A.	Do.	2,240	.063	.0	.088
10,477 C.	Do.	3,360	.095	.007	.135
10,477 C.	Do.	4,480	.145	.010	.212
10,477 C.	Do.	5,600	.247	.035	.060
10,477 C.	Do.	2,240	.060	.0	—
10,478 A.	Nat Gyee	3,360	—	—	.138
10,478 A.	Do.	4,480	.138	.0	—
10,478 A.	Do.	5,600	—	.040	.247
10,478 A.	Do.	6,720	.287	.009	.067
10,478 A.	Do.	2,240	.076	.013	.097
10,478 C.	Do.	3,360	.110	.018	.184
10,478 C.	Do.	4,480	.152	.028	.182
10,478 C.	Do.	5,600	.208	.011	.062
10,478 C.	Do.	2,240	.073	—	—
10,482 B.	Pune Tha	3,360	—	—	.143
10,482 B.	Do.	4,480	.165	.032	.052
10,482 B.	Do.	2,240	.052	.0	.073
10,485 A.	Padouk	3,360	.073	.0	.097
10,485 A.	Do.	4,480	.100	.003	.130
10,485 A.	Do.	5,600	.142	.012	.070
10,485 A.	Do.	2,240	.083	.018	.100
10,485 C.	Do.	3,360	.118	.024	.144
10,485 C.	Do.	4,480	.168	.018	.058
10,485 C.	Do.	2,240	.076	—	—
10,489 B.	Kya Ya	3,360	—	—	.136
10,489 B.	Do.	4,480	.167	.031	.051
10,489 B.	Do.	2,240	.051	.0	.076
10,491 A.	Zangyecoat-doup	3,360	.076	.006	.126
10,491 A.	Do.	4,480	.132	.033	.088
10,491 A.	Do.	2,240	.121	.070	.160
Do.	Do.	3,360	.230	—	—

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Per- manent Set.	Recovery from Deflection. Recovery of Strain.
HUNGARY.					
No experiments.					
JAMAICA.					
160 A.	White Lance Wood	2,240	*084	*012	*072
160 A.	Do.	3,360	*110	*015	*095
160 A.	Do.	4,480	*142	*020	*122
160 A.	Do.	5,600	*191	*020	*163
160 A.	Do.	6,720	*255	*046	*219
161 A.	Blood or Iron Wood	2,240	*113	*006	*107
164 A.	Do.	3,360	*175	*028	*147
164 C.	Do.	2,240	*094	*009	*085
164 C.	Do.	3,360	*164	*022	*144
169 A.	Red Wood	2,240	*070	*0	*070
169 A.	Do.	3,360	*098	*0	*098
169 A.	Do.	4,480	*150	*009	*141
169 C.	Do.	2,240	*092	*007	*085
169 C.	Do.	3,360	*140	*018	*122
169 C.	Do.	4,480	*222	*009	*212
189 A.	Jack Fruit	2,240	*116	*0	*116
189 B.	Do.	2,240	—	—	—
189 B.	Do.	3,360	*218	*033	*186
189 C.	Do.	2,240	*143	*050	*193
201 A.	Red Candle Wood	2,240	*075	*0	*075
201 A.	Do.	3,360	*104	*0	*104
201 A.	Do.	4,480	*140	*005	*135
201 A.	Do.	5,600	*201	*018	*183
201 C.	Do.	2,240	*064	*014	*070
201 C.	Do.	3,360	*120	*025	*095
201 C.	Do.	4,480	*172	*026	*126
201 C.	Do.	5,600	*240	*026	*184
210 A.	B. tau cal name, Casuarina equisetifolia.	2,240	*097	*0	*097
210 A.	Do.	3,360	*092	*0	*092
210 A.	Do.	4,480	*121	*0	*121
210 C.	Do.	2,240	*082	*0	*082
210 C.	Do.	3,360	*105	*002	*106
210 C.	Do.	4,480	*152	*021	*131
212 A.	Jamaica Ebony, Black Heart var.	2,240	*080	*0	*080
212 A.	Do.	3,360	*090	*0	*090
212 A.	Do.	4,480	*103	*001	*101
212 A.	Do.	5,600	*122	*002	*120
212 A.	Do.	6,720	*153	*006	*147
212 A.	Do.	7,840	*186	*011	*175
216 A.	Dog Wood	2,240	*071	*001	*070
216 A.	Do.	3,360	*102	*003	*099
216 A.	Do.	4,480	*128	*005	*123
216 C.	Do.	5,600	*165	*011	*154
216 C.	Do.	2,240	*068	*0	*068
216 C.	Do.	3,360	*080	*0	*080
216 C.	Do.	4,480	*111	*002	*109
216 C.	Do.	5,600	*156	*005	*143
218 A.	Do.	6,720	*169	*008	*161
218 A.	Do.	2,240	*087	*007	*080
218 A.	Do.	3,360	*107	*013	*104
223 A.	Brazilletto	4,480	*105	*024	*109
223 A.	Do.	2,240	*064	*0	*064
223 A.	Do.	3,360	*095	*0	*085
223 A.	Do.	4,480	*140	*004	*106
223 A.	Do.	5,600	*188	*013	*125
223 C.	Do.	6,720	*164	*018	*146
223 C.	Do.	2,240	*060	*0	*060
223 C.	Do.	3,360	*078	*0	*078
223 C.	Do.	4,480	*097	*003	*094
228 A.	Yellow Candle Wood	5,600	*125	*007	*118
228 A.	Do.	2,240	*048	*0	*048
228 A.	Do.	3,360	*091	*0	*091
228 A.	Do.	4,480	*121	*004	*117
228 A.	Do.	5,600	*154	*015	*139
228 A.	Do.	6,720	*219	*027	*182
224 A.	Santa Maria	2,240	*140	*022	*108

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Perman-ent Set.	Recovery from Deflection on Removal of Strain.
JAMAICA.					
236 A.	South American Acacia, showing the bark.	2,240	*216	*046	*170
252 A.	White Mangrove	2,240	*103	*007	*096
252 A.	Do.	3,360	*153	*018	*135
252 A.	Do.	4,480	*282	*039	*243
252 C.	Do.	2,240	*132	*024	*108
267 A.	White Bully Tree	2,240	*071	*004	*067
267 A.	Do.	3,360	*099	*006	*093
267 A.	Do.	4,480	*133	*010	*123
267 A.	Do.	5,600	*180	*018	*172
267 C.	Do.	2,240	*070	0	*070
267 C.	Do.	3,360	*099	*006	*093
267 C.	Do.	4,480	*140	*014	*126
284 A.	Tecoma stans	2,240	*088	*012	*076
284 A.	Do.	3,360	*119	*019	*100
297 A.	Red Heart	2,240	*065	0	*065
297 A.	Do.	3,360	*083	0	*083
297 A.	Do.	4,480	*102	0	*102
297 A.	Do.	5,600	*124	*002	*122
297 A.	Do.	6,720	*153	*006	*147
297 A.	Do.	7,840	*199	*015	*184
297 C.	Do.	2,240	*060	0	*060
297 C.	Do.	3,360	*070	0	*070
297 C.	Do.	4,480	*097	*006	*091
297 C.	Do.	5,600	*124	*010	*114
297 C.	Do.	6,720	*164	*015	*149
297 C.	Do.	7,840	*223	*020	*203
312 Ca.	Section of Cocoa Nut	2,240	—	—	—
312 Ca.	Do.	3,360	*108	0	*108
319 Aa.	Do.	2,240	*072	*004	*068
319 Aa.	Do.	3,360	*036	*006	*090
319 Aa.	Do.	4,480	*122	*009	*113
319 Ba.	Do.	2,240	*066	*007	*059
319 Ba.	Do.	3,360	*080	*012	*078
319 Ba.	Do.	4,480	*154	*020	*114
319 Ba.	Do.	5,600	*221	*041	*180
319 Bc.	Do.	2,240	*072	*006	*066
319 Bc.	Do.	3,360	*110	*011	*099
319 Bc.	Do.	4,480	*176	*030	*146
319 Ca.	Do.	2,240	*080	0	*080
319 Ca.	Do.	3,360	—	—	—
319 Ca.	Do.	4,480	*144	*004	*140
319 Ca.	Do.	5,600	*193	*014	*179
319 Ea.	Do.	2,240	*063	0	*068
319 Ea.	Do.	3,360	*090	0	*090
319 Ea.	Do.	4,480	*114	0	*114
319 Ea.	Do.	5,600	*146	*002	*144
319 Ea.	Do.	6,720	*190	*007	*183
320 A.	Yoke Wood	2,240	*121	*014	*107
320 A.	Do.	3,360	*226	*032	*194
326 A.	Red Wood	2,240	*088	*019	*085
326 A.	Do.	3,360	*135	*026	*109
326 A.	Do.	4,480	*214	*041	*173
328 A.	Black Bullet Tree	2,240	*072	*006	*066
328 A.	Do.	3,360	*106	*014	*092
328 A.	Do.	4,480	*142	*019	*123
328 A.	Do.	5,600	*193	*030	*163
332 A.	Hog Berry	2,240	*097	*006	*091
332 A.	Do.	3,360	*146	*016	*130
332 A.	Do.	4,480	*309	*058	*251
332 C.	Do.	2,240	*090	*006	*084
332 C.	Do.	3,360	*140	*015	*125
332 C.	Do.	4,480	*248	*040	*208
338 A.	Spanish Elm	2,240	*082	0	*082
338 A.	Do.	3,360	*111	*001	*110
338 A.	Do.	4,480	*158	*014	*144
338 A.	Do.	5,600	*244	*026	*218
338 C.	Do.	2,240	*092	*005	*087
338 C.	Do.	3,360	*126	*009	*115
338 C.	Do.	4,480	*184	*018	*166
339 A.	Naseberry Bullet Tree	2,240	*060	0	*060
339 A.	Do.	3,360	*073	*002	*071

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Per- manent set.	Recovery from Deflection on Removal of Strain.
JAMAICA.					
339 A.	Naseberry Bullet Tree	4,480	.092	.009	.083
339 A.	Do.	5,600	.120	.014	.106
339 A.	Do.	6,720	.150	.020	.130
339 A.	Do.	7,840	.214	.030	.184
339 C.	Do.	2,240	.068	.006	.062
339 C.	Do.	3,360	.090	.009	.081
339 C.	Do.	4,480	.112	.011	.101
339 C.	Do.	5,600	.143	.016	.127
339 C.	Do.	6,720	.192	.026	.166
341 A.	Iron Wood	2,240	.065	.0	.065
341 A.	Do.	3,360	.088	.0	.088
341 A.	Do.	4,480	.112	.0	.112
341 A.	Do.	5,600	.132	.004	.135
343 A.	Cassada Wood	2,240	.116	.026	.090
343 C.	Do.	2,240	.124	.030	.094
345 A.	Wild Orange	2,240	.072	.0	.072
345 A.	Do.	3,360	.062	.0	.069
345 A.	Do.	4,480	.087	.0	.087
345 B.	Do.	2,240	.047	.0	.047
345 B.	Do.	3,360	.063	.0	.063
345 B.	Do.	4,480	.080	.0	.080
345 B.	Do.	5,600	.102	.001	.101
345 B.	Do.	6,720	.128	.008	.120
345 B.	Do.	7,840	.174	.016	.158
350 A.	Green Heart	2,240	.058	.0	.058
350 A.	Do.	3,360	.086	.0	.080
350 A.	Do.	4,480	.104	.004	.100
350 A.	Do.	5,600	.134	.011	.125
350 A.	Do.	6,720	.182	.021	.161
351 A.	Musk Wood	2,240	.107	.008	.099
351 A.	Do.	3,360	.187	.028	.159
351 A.	Do.	4,480	.409	.120	.289
354 A.	Sweet Wood	2,240	.068	.001	.067
354 A.	Do.	3,360	.098	.006	.092
354 A.	Do.	4,480	.156	.020	.136
355 A.	Black Rosewood	2,240	.072	.0	.072
355 A.	Do.	3,360	.091	.0	.091
355 A.	Do.	4,480	.117	.007	.110
355 A.	Do.	5,600	.140	.009	.140
355 A.	Do.	6,720	.198	.028	.170
355 A.	Do.	7,840	.273	.047	.226
355 A.	Do.	8,960	.450	.090	.340
358 A.	White Rosewood	2,240	.055	.0	.055
358 A.	Do.	3,360	.074	.004	.070
358 A.	Do.	4,480	.094	.010	.084
358 A.	Do.	5,600	.153	.019	.115
358 A.	Do.	6,720	.182	.033	.149
358 C.	Do.	2,240	.072	.0	.072
358 C.	Do.	3,360	.070	.001	.069
358 C.	Do.	4,480	.089	.006	.083
358 C.	Do.	5,600	.118	.010	.108
358 C.	Do.	6,720	.168	.020	.148
358 C.	Do.	7,840	.294	.050	.244
363 A.	Beech Wood	2,240	.082	.0	.082
363 A.	Do.	3,360	.122	.008	.114
363 A.	Do.	4,480	.180	.024	.145
363 A.	Do.	5,600	.254	.071	.283
365 A.	Wild Cinnamon	2,240	.132	.021	.111
365 A.	Do.	3,360	.115	.034	.121
367 A.	White Cedar	2,240	.215	.016	.169
371 A.	White Torch	2,240	.070	.0	.070
371 A.	Do.	3,360	.093	.0	.093
371 A.	Do.	4,480	.128	.004	.124
371 A.	Do.	5,600	.174	.013	.161
371 B.	Do.	2,240	.076	.0	.076
371 B.	Do.	3,360	.108	.0	.108
371 B.	Do.	4,480	.152	.002	.140
372 A.	Beef Apple	2,240	.094	.009	.084
372 A.	Do.	3,360	.151	.020	.111
372 A.	Do.	4,480	.207	.039	.163
376 A.	Blood Red Wood, or Black Mahogany.	2,240	.094	.012	.082
376 A.	Do.	3,360	.107	.027	.114

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
<b>JAMAICA.</b>					
376 B.	Blood Red Wood, or Black Mahogany.	2,240	*091	*0	*091
376 B.	Do. - - - - -	3,360	*150	*0	*150
376 B.	Do. - - - - -	4,480	*290	*058	*222
378 A.	Wild Fig Tree - - - - -	2,240	*188	*040	*148
384 A.	Black Mahogany, or Blood Red Wood.	2,240	*083	*0	*083
384 A.	Do. - - - - -	3,360	*147	*016	*131
384 C.	Do. - - - - -	2,240	*089	*0	*089
384 C.	Do. - - - - -	3,360	*151	*007	*144
407 A.	Star Apple - - - - -	2,240	*071	*006	*065
407 A.	Do. - - - - -	3,360	*100	*012	*088
407 A.	Do. - - - - -	4,480	*145	*018	*127
407 A.	Do. - - - - -	5,600	*204	*029	*175
<b>LIBERIA.</b>					
7 A.	- - - - -	2,240	*112	*014	*098
7 A.	- - - - -	3,360	*184	*012	*172
7 C.	- - - - -	2,240	*131	*022	*109
7 C.	- - - - -	3,360	*292	*075	*217
10 A.	- - - - -	2,240	*062	*0	*062
10 A.	- - - - -	3,360	*085	*0	*085
10 A.	- - - - -	4,480	*115	*005	*110
10 A.	- - - - -	5,600	*149	*010	*139
10 C.	- - - - -	2,240	*058	*0	*058
10 C.	- - - - -	3,360	*080	*0	*080
10 C.	- - - - -	4,480	*104	*0	*104
10 C.	- - - - -	5,600	*129	*0	*129
11 A.	- - - - -	2,240	*062	*0	*062
11 A.	- - - - -	3,360	*077	*0	*077
11 A.	- - - - -	4,480	*096	*004	*092
11 A.	- - - - -	5,600	*122	*017	*105
11 A.	- - - - -	6,720	*165	*024	*141
11 C.	- - - - -	4,480	*119	*015	*104
11 C.	- - - - -	5,600	*155	*023	*132
15 A.	Cherry - - - - -	2,240	*097	*009	*088
15 A.	Do. - - - - -	3,360	*139	*017	*122
15 C.	Do. - - - - -	2,240	*089	*003	*086
15 C.	Do. - - - - -	3,360	*149	*015	*134
15 D.	Do. - - - - -	2,240	*212	*022	*190
16 A.	Do. - - - - -	2,240	*144	*010	*134
16 A.	Do. - - - - -	3,360	*236	*022	*214
17 A.	Brimstone - - - - -	2,240	*083	*0	*083
17 A.	Do. - - - - -	3,360	*129	*0	*129
18 A.	Boxwood - - - - -	2,240	*066	*001	*065
18 A.	Do. - - - - -	3,360	*090	*003	*087
18 A.	Do. - - - - -	4,480	*113	*006	*107
18 A.	Do. - - - - -	5,600	*152	*016	*136
18 A.	Do. - - - - -	6,720	*213	*022	*191
19 B.	Cedar - - - - -	2,240	*163	*026	*137
20 A.	Iron Wood - - - - -	2,240	*072	*0	*072
20 A.	Do. - - - - -	3,360	*098	*0	*098
20 A.	Do. - - - - -	4,480	*129	*006	*123
20 A.	Do. - - - - -	5,600	*170	*012	*158
20 C.	Do. - - - - -	2,240	*078	*002	*076
20 C.	Do. - - - - -	3,360	*102	*005	*097
20 C.	Do. - - - - -	4,480	*131	*007	*124
20 C.	Do. - - - - -	5,600	*183	*016	*167
20 A.	Mahogany - - - - -	2,240	*144	*028	*116
20 A.	Do. - - - - -	2,240	*166	*025	*141
21 A.	Black Oak - - - - -	2,240	*095	*0	*095
21 A.	Do. - - - - -	3,360	*174	*012	*162
21 C.	Do. - - - - -	2,240	*107	*017	*090
21 C.	Do. - - - - -	3,360	*174	*040	*134
22 A.	Mahogany - - - - -	2,240	*108	*006	*102
22 A.	Do. - - - - -	3,360	*190	*032	*158
22 C.	Do. - - - - -	2,240	*140	*017	*123
58 A.	- - - - -	2,240	*086	*005	*081
58 A.	- - - - -	3,360	*120	*013	*107
58 A.	- - - - -	4,480	*182	*016	*166

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set	Recovery from Deflection or Removal of Strain
NEW SOUTH WALES (NORTH).					
3 A.	Toorie	2,240	006	002	064
3 A.	Do.	3,360	100	006	092
3 A.	Do.	4,480	186	032	154
3 C.	Do.	2,240	050	0	056
3 C.	Do.	3,360	083	0	083
3 C.	Do.	4,480	141	014	127
4 A.	-	2,240	068	004	064
4 A.	-	3,360	114	020	094
5 A.	Bastard or White Box	2,240	072	004	068
5 A.	Do.	3,360	101	009	092
5 A.	Do.	4,480	146	021	125
5 C.	Do.	2,240	067	002	065
5 C.	Do.	3,360	123	010	118
5 C.	Do.	4,480	206	032	174
6 A.	Red Box	2,240	136	016	126
6 A.	Do.	3,360	250	043	207
6 C.	Do.	2,240	107	006	101
6 C.	Do.	3,360	181	020	161
7 A.	Burarra	2,240	187	043	184
10 A.	Box of Illawarra	2,240	092	008	084
10 A.	Do.	3,360	152	023	129
13 A.	Wobul	2,240	069	0	069
13 A.	Do.	3,360	096	0	096
13 A.	Do.	4,480	128	005	123
13 A.	Do.	5,600	212	032	186
14 A.	-	2,240	074	005	069
14 A.	-	3,360	103	010	098
14 A.	-	4,480	174	022	152
15 A.	Meriton Bay Pine	2,210	105	015	118
15 D.	Do.	2,240	161	042	119
17 A.	-	2,240	094	006	088
17 A.	-	3,360	204	036	168
19 A.	Cherry	2,210	169	018	151
21 A.	-	2,240	072	002	070
21 A.	-	3,360	100	007	083
21 A.	-	4,480	136	011	125
21 A.	-	5,600	170	018	152
22 B.	-	2,240	142	024	118
22 D.	-	2,240	222	045	177
23 A.	-	2,240	085	0	085
23 A.	-	3,360	136	008	123
23 C.	-	2,240	093	004	091
23 C.	-	3,360	163	018	145
24 A.	Ash, Beech, and Flindora	2,210	061	0	061
24 A.	Do.	3,360	093	005	088
24 A.	Do.	4,480	154	019	133
24 C.	Do.	2,240	084	008	081
24 C.	Do.	3,360	145	019	123
24 C.	Do.	4,480	134	020	118
25 A.	-	2,240	090	007	087
25 C.	-	2,210	103	016	092
26 A.	Cherry of the Clarence	2,210	165	016	090
26 A.	Do.	3,360	189	042	147
27 A.	Native Tamarind	2,240	097	001	096
27 A.	Do.	3,360	180	009	171
27 A.	Do.	4,480	199	037	162
27 C.	Do.	2,240	087	008	079
27 C.	Do.	3,360	142	023	119
28 A.	Native Plum	2,240	064	010	051
28 A.	Do.	3,360	088	015	071
28 A.	Do.	4,480	118	019	089
28 A.	Do.	5,600	165	026	129
28 A.	Do.	6,720	246	046	200
28 C.	Do.	2,240	070	001	069
28 C.	Do.	3,360	100	003	097
28 C.	Do.	4,480	148	015	133
28 C.	Do.	5,600	244	029	215
28 C.	Do.	6,720	232	030	202
35 A.	-	2,240	223	050	173
36 A.	-	2,240	066	004	062
36 A.	-	3,360	082	007	075
36 A.	-	4,480	135	017	118
36 A.	-	5,600	234	030	184

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
NEW SOUTH WALES (NORTH).					
40 A.	Uroobie	2,240	.066	.0	.066
40 A.	Do.	3,360	.096	.004	.092
40 A.	Do.	4,480	.101	.006	.095
40 A.	Do.	5,600	.147	.014	.133
40 A.	Do.	6,720	.298	.048	.250
40 C.	Do.	2,240	.073	.002	.070
40 C.	Do.	3,360	.101	.005	.096
40 C.	Do.	4,480	.136	.010	.126
40 C.	Do.	5,600	.187	.022	.165
40 C.	Do.	6,720	.310	.060	.250
43 A.	Bat Ball, Native Orange, Native Pomegranate.	2,240	.073	.0	.073
43 A.	Do.	3,360	.110	.007	.103
43 A.	Do.	4,480	.179	.027	.152
44 A.	Black Myrtle	2,240	.080	.006	.074
44 A.	Do.	3,360	.141	.024	.117
45 A.	-	2,240	.121	.008	.113
45 A.	-	3,360	.130	.007	.123
47 A.	Rosewood	2,240	.071	.0	.071
47 A.	Do.	3,360	.107	.002	.105
47 A.	Do.	4,480	.165	.020	.145
47 C.	Do.	2,240	.073	.003	.070
47 C.	Do.	3,360	.115	.010	.105
47 C.	Do.	4,480	.167	.018	.149
51 A.	Pencil Cedar, Turnip Wood	2,240	.076	.004	.072
51 A.	Do.	3,360	.114	.014	.100
51 C.	Do.	2,240	.098	.0	.096
51 C.	Do.	3,360	.149	.012	.137
51 C.	Do.	4,480	.177	.021	.156
53 A.	-	2,240	.076	.0	.076
53 A.	-	3,360	.110	.003	.107
53 A.	-	4,480	.171	.013	.165
54 A.	-	2,240	.069	.002	.067
54 A.	-	3,360	.097	.006	.091
54 A.	-	4,480	.146	.016	.130
54 A.	-	5,600	.226	.031	.195
60 A.	Hickory Lignum Vita	2,240	.084	.0	.084
60 A.	Do.	3,360	.112	.004	.108
60 A.	Do.	4,480	.159	.010	.149
60 A.	Do.	5,600	.229	.034	.195
60 A.	Do.	6,720	.232	.046	.186
61 A.	Flindosa	2,240	.070	.0	.070
61 A.	Do.	3,360	.096	.005	.091
61 A.	Do.	4,480	.142	.017	.125
61 A.	Do.	5,600	.336	.088	.248
61 C.	Do.	2,240	.089	.003	.086
61 C.	Do.	3,360	.130	.013	.117
61 C.	Do.	4,480	.243	.054	.189
63 A.	Flintamendosa	2,240	.065	.006	.059
63 A.	Do.	3,360	.092	.010	.082
63 A.	Do.	4,480	.118	.016	.102
63 A.	Do.	5,600	.153	.024	.134
63 A.	Do.	6,720	.238	.041	.197
64 A.	Tea Tree	2,240	.081	.0	.081
64 A.	Do.	3,360	.115	.005	.110
64 A.	Do.	4,480	.163	.013	.155
66 A.	Bastard Myall	2,240	.070	.001	.069
66 A.	Do.	3,360	.098	.010	.088
66 A.	Do.	4,480	.166	.023	.141
67 A.	-	2,240	.071	.0	.071
67 A.	-	3,360	.096	.0	.096
67 A.	-	4,480	.131	.004	.127
67 A.	-	5,600	.174	.012	.162
68 A.	-	2,240	.175	.024	.151
69 A.	-	2,240	.070	.002	.068
69 A.	-	3,360	.100	.004	.096
69 A.	-	4,480	.149	.014	.135
71 A.	Swamp Oak	2,240	.060	.0	.060
71 A.	Do.	3,360	.082	.002	.080
71 A.	Do.	4,480	.108	.007	.101
71 A.	Do.	5,600	.160	.017	.143
74 A.	White Myrtle	2,240	.053	.002	.050
74 A.	Do.	3,360	.079	.004	.075

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deduction.	Permanent Set.	Recovery from Deduction, or Residual Stress.
<b>NEW SOUTH WALES (NORTH).</b>					
74 A.	White Myrtle	4,480	*112	*009	*103
74 A.	"	5,000	*156	*020	*136
74 A.	"	6,720	*264	*050	*214
77 A.	Iron Bark of Clarence	2,240	*050	*002	*048
77 A.	Do	3,360	*068	*003	*065
77 A.	Do.	4,480	*087	*004	*083
77 A.	Do.	5,000	*111	*008	*103
77 A.	Do.	6,720	*152	*014	*138
84 A.	Marble Wood	2,240	*050	*002	*048
84 A.	Do.	3,360	*074	*002	*072
84 A.	Do.	4,480	*103	*007	*096
84 A.	Do.	5,000	*146	*016	*130
84 A.	Do.	6,720	*230	*044	*186
88 A.	"	2,240	*055	*0	*055
88 A.	"	3,360	*089	*004	*079
88 A.	"	4,480	*122	*010	*112
88 A.	"	5,000	*152	*036	*116
89 A.	Found in Brush Forests in the Clarence.	2,240	*070	*0	*070
89 A.	Do.	3,360	*084	*002	*092
89 A.	Do.	4,480	*130	*007	*123
89 A.	Do.	5,000	*150	*022	*168
93 A.	"	2,240	*055	*009	*086
93 A.	"	3,360	*102	*008	*114
102 A.	Flooded Gum	2,240	*065	*005	*068
102 A.	Do.	3,360	*104	*014	*090
102 A.	Do.	4,480	*186	*008	*188
102 C.	Do.	2,240	*072	*005	*070
102 C.	Do.	3,360	*130	*018	*112
103 A.	Grey Gum	2,240	*055	*0	*055
103 A.	Do.	3,360	*076	*0	*076
103 A.	Do.	4,480	*106	*005	*101
103 A.	Do.	5,000	*140	*014	*136
103 A.	Do.	6,720	*232	*041	*191
104 A.	Bitter Bark	2,240	*078	*002	*076
104 A.	Do.	3,360	*119	*010	*108
104 A.	Do.	4,480	*224	*038	*186
105 A.	Light Yellow Wood	2,240	*094	*004	*090
105 A.	Do.	3,360	*154	*020	*134
106 A.	Iron Wood	2,240	*069	*003	*066
106 A.	Do.	3,360	*095	*005	*090
106 A.	Do.	4,480	*126	*010	*116
106 A.	Do.	5,000	*177	*022	*155
106 A.	Do.	6,720	*292	*056	*236
109 A.	Swamp Mahogany	2,240	*088	*0	*088
109 A.	Do.	3,360	*141	*004	*137
111 A.	Water Gum	2,240	*150	*003	*127
111 A.	Do.	3,360	*200	*020	*180
111 A.	Do.	4,480	*272	*070	*202
111 C.	Do.	2,240	*180	*001	*129
111 C.	Do.	3,360	*204	*017	*187
111 C.	Do.	4,480	*275	*070	*205
114 A.	Brush Iron Bark	2,240	*096	*0	*096
114 A.	Do.	3,360	*154	*007	*147
<b>NEW SOUTH WALES (SOUTH).</b>					
1 A.	White or Pale Iron Bark	2,240	*090	*0	*090
1 A.	Do.	3,360	*044	*0	*044
1 A.	Do.	4,480	*080	*0	*080
1 A.	Do.	5,000	*076	*002	*074
1 A.	Do.	6,720	*095	*005	*090
1 A.	Do.	7,840	*125	*007	*118
1 A.	Do.	8,960	*155	*015	*140
1 B.	Do.	10,080	*210	*030	*180
1 B.	Do.	2,240	*066	*0	*066
1 B.	Do.	3,360	*098	*0	*098
1 C.	Do.	4,480	*140	*003	*137
1 C.	Do.	5,000	*051	*0	*051
1 C.	Do.	6,720	*065	*0	*065
1 C.	Do.	8,960	*080	*0	*080
1 C.	Do.	5,000	*098	*004	*094
1 C.	Do.	6,720	*120	*008	*112

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
NEW SOUTH WALES (SOUTH).					
1 C.	White or Pale Iron Bark -	7,840	'151	'016	'135
1 C.	Do. -	8,960	'205	'031	'174
1 C.	Do. -	10,080	'278	'052	'226
2 A.	White Iron Bark -	2,240	'051	'001	'050
2 A.	Do. -	3,360	'071	'005	'066
2 A.	Do. -	4,480	'091	'007	'084
2 A.	Do. -	5,600	'116	'012	'104
2 A.	Do. -	6,720	'159	'021	'138
2 A.	Do. -	7,840	'224	'044	'180
2 B.	Do. -	2,240	'047	'0	'047
2 B.	Do. -	3,360	'066	'003	'063
2 B.	Do. -	4,480	'085	'007	'078
2 B.	Do. -	5,600	'116	'014	'102
2 B.	Do. -	6,720	'160	'020	'140
2 B.	Do. -	7,840	'229	'026	'203
3 A.	Iron Bark -	2,240	'062	'0	'062
3 A.	Do. -	3,360	'085	'002	'083
3 A.	Do. -	4,480	'117	'006	'111
3 A.	Do. -	5,600	'163	'018	'145
3 A.	Do. -	6,720	'235	'044	'191
3 C.	Do. -	2,240	'057	'0	'057
3 C.	Do. -	3,360	'074	'0	'074
3 C.	Do. -	4,480	'096	'002	'094
3 C.	Do. -	5,600	'122	'006	'116
3 C.	Do. -	6,720	'161	'013	'148
3 C.	Do. -	7,840	'221	'038	'183
4 A.	Broad-leaved Rough Iron-Bark -	2,240	'071	'004	'067
4 A.	Do. -	3,360	'096	'000	'087
4 A.	Do. -	4,480	'122	'015	'107
4 A.	Do. -	5,600	'152	'023	'129
4 A.	Do. -	6,720	'182	'028	'154
4 C.	Do. -	2,240	'061	'0	'061
4 C.	Do. -	3,360	'082	'0	'082
4 C.	Do. -	4,480	'106	'005	'101
4 C.	Do. -	5,600	'146	'011	'132
4 C.	Do. -	6,720	'186	'028	'158
5 A.	Iron Bark -	2,240	'048	'0	'048
5 A.	Do. -	3,360	'066	'0	'066
5 A.	Do. -	4,480	'084	'0	'084
5 A.	Do. -	5,600	'108	'001	'107
5 A.	Do. -	6,720	'158	'008	'130
5 A.	Do. -	7,840	'183	'020	'163
5 C.	Do. -	2,240	'074	'0	'074
5 C.	Do. -	3,360	'095	'004	'091
5 C.	Do. -	4,480	'116	'008	'108
5 C.	Do. -	5,600	'144	'014	'130
5 C.	Do. -	6,720	'154	'016	'138
5 C.	Do. -	7,840	'196	'030	'166
7 A.	Narrow-leaved Smooth or Red Iron Bark.	2,240	'068	'002	'066
7 A.	Do. -	3,360	'092	'004	'088
7 A.	Do. -	4,480	'122	'006	'116
7 A.	Do. -	5,600	'156	'013	'143
10 A.	Box of Illawarra -	2,240	'090	'002	'088
10 B.	Do. -	2,240	'076	'0	'076
10 B.	Do. -	3,360	'111	'004	'107
10 B.	Do. -	4,480	'162	'015	'147
11 A.	Bastard Box of Illawarra -	2,240	'058	'0	'058
11 A.	Do. -	3,360	'072	'005	'067
11 A.	Do. -	4,480	'087	'007	'080
11 A.	Do. -	5,600	'103	'010	'093
11 A.	Do. -	6,720	'128	'017	'111
11 A.	Do. -	7,840	'161	'026	'135
11 A.	Do. -	8,960	'232	'050	'182
12 B.	Yellow Box of Camden	2,240	'116	'014	'102
12 C.	Do. -	2,240	'129	'018	'111
13 A.	Bastard Box -	2,240	'058	'003	'055
13 A.	Do. -	3,360	'076	'004	'072
13 A.	Do. -	4,480	'092	'006	'086
13 A.	Do. -	5,600	'111	'008	'103
13 A.	Do. -	6,720	'133	'010	'123
13 A.	Do. -	7,840	'170	'023	'147
13 A.	Do. -	8,960	'239	'044	'195

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deduction.	Permanent Set.	Recovery from Deformation, if received of Strain.
NEW SOUTH WALES (SOUTH).					
13 C.	Bastard Box	2,240	'061	'0	'061
13 C.	Do.	3,360	'079	'002	'077
13 C.	Do.	4,480	'099	'006	'093
13 C.	Do.	5,600	'136	'010	'126
13 C.	Do.	6,720	'167	'020	'147
13 C.	Do.	7,840	'244	'035	'209
14 A.	Do.	2,240	'054	'0	'054
14 A.	Do.	3,360	'071	'0	'071
14 A.	Do.	4,480	'087	'006	'081
14 A.	Do.	5,600	'108	'010	'098
14 A.	Do.	6,720	'142	'019	'123
14 A.	Do.	7,840	'137	'032	'105
15 A.	Box	2,240	'106	'001	'105
15 A.	Do.	3,360	'154	'013	'141
15 A.	Do.	4,480	'258	'049	'209
15 C.	Do.	2,240	'081	'001	'080
15 C.	Do.	3,360	'120	'007	'113
15 C.	Do.	4,480	'181	'027	'154
16 A.	Flooded Gum	2,240	'106	'006	'100
16 A.	Do.	3,360	'174	'022	'152
17 A.	Bastard Box	2,240	'061	'001	'060
17 A.	Do.	3,360	'097	'008	'089
17 A.	Do.	4,480	'117	'015	'102
17 A.	Do.	5,600	'155	'019	'135
18 A.	Blue Gum of Coast District	2,240	'107	'005	'102
18 A.	Do.	3,360	'166	'029	'146
18 B.	Do.	2,240	'100	'012	'088
18 B.	Do.	3,360	'192	'015	'177
19 C.	Blue Gum of Camden	2,240	'101	'002	'099
20 A.	Blue Gum	2,240	'116	'005	'111
20 A.	Do.	3,360	'181	'017	'164
21 A.	Do.	2,240	'076	'0	'076
21 A.	Do.	3,360	'101	'006	'105
21 A.	Do.	4,480	'128	'010	'118
21 A.	Do.	5,600	'166	'021	'145
21 A.	Do.	6,720	'224	'040	'184
23 A.	Grey Gum	2,240	'074	'0	'074
23 A.	Do.	3,360	'104	'0	'104
23 A.	Do.	4,480	'142	'010	'132
25 A.	Do.	5,600	'212	'033	'179
24 A.	Woolly Butt of Illawarra	2,240	'058	'0	'058
24 A.	Do.	3,360	'089	'0	'089
24 A.	Do.	4,480	'111	'008	'103
24 A.	Do.	5,600	'155	'020	'135
25 A.	Rough-barked Gum	2,240	'085	'001	'084
25 A.	Do.	3,360	'111	'003	'108
25 A.	Do.	4,480	'145	'016	'129
25 A.	Do.	5,600	'194	'032	'162
27 A.	Black Butt Gum	2,240	'070	'002	'068
27 A.	Do.	3,360	'092	'009	'083
27 A.	Do.	4,480	'124	'015	'108
27 A.	Do.	5,600	'182	'027	'155
27 C.	Do.	2,240	'076	'002	'073
27 C.	Do.	3,360	'103	'009	'097
27 C.	Do.	4,480	'158	'018	'140
27 C.	Do.	5,600	'249	'051	'198
37 A.	Rough-barked Gum	2,240	'071	'0	'071
37 A.	Do.	3,360	'097	'002	'095
37 A.	Do.	4,480	'136	'008	'122
37 A.	Do.	5,600	'186	'029	'157
37 S.A.	Do.	2,240	'074	'0	'073
37 S.A.	Do.	3,360	'077	'0	'077
37 S.A.	Do.	4,480	'097	'0	'097
37 S.A.	Do.	5,600	'125	'004	'119
38 A.	Grey Gum from Brisbane Water.	6,720	'164	'014	'150
38 A.	Do.	2,240	'067	'0	'067
38 A.	Do.	3,360	'089	'0	'089
38 A.	Do.	4,480	'120	'001	'119
38 C.	Do.	5,600	'154	'015	'143
38 C.	Do.	2,240	'070	'005	'064
38 C.	Do.	3,360	'094	'008	'086
38 C.	Do.	4,480	'122	'010	'112
38 C.	Do.	5,600	'166	'019	'147

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
NEW SOUTH WALES (SOUTH).					
38 C.	Grey Gum from Brisbane Water	6,720	·230	·040	·190
40 A.	Messmate	2,240	·070	·0	·070
40 A.	Do.	3,360	·008	·002	·006
40 A.	Do.	4,480	·140	·009	·131
40 A.	Do.	5,600	·224	·030	·194
40 C.	Do.	2,240	·074	·0	·074
40 C.	Do.	3,360	·102	·008	·094
40 C.	Do.	4,480	·137	·015	·122
40 C.	Do.	2,240	·064	·0	·064
40 D.	Do.	3,360	·092	·0	·092
40 D.	Do.	4,480	·135	·004	·131
40 D.	Do.	5,600	·204	·030	·174
40 D.	Do.	2,240	·100	·003	·097
42 A.	Swamp Mahogany	3,360	·148	·014	·134
42 A.	Do.	2,240	·072	·005	·067
42 B.	Do.	3,360	·102	·008	·094
42 B.	Do.	4,480	·153	·017	·136
42 B.	Do.	2,240	·090	·007	·083
43 A.	Do.	3,360	·151	·016	·135
43 C.	Do.	2,240	·112	·002	·110
43 C.	Do.	3,360	·212	·024	·188
43 D.	Do.	2,240	·006	·009	·037
43 D.	Do.	3,360	·160	·017	·143
44 A.	Mahogany	2,240	·086	·003	·083
44 A.	Do.	3,360	·120	·006	·114
44 A.	Do.	4,480	·177	·020	·157
44 A.	Do.	5,600	·190	·093	·157
44 BB.	Do.	2,240	·078	·006	·072
44 BB.	Do.	3,360	·116	·012	·104
44 BB.	Do.	4,480	·187	·034	·153
44 DD.	Do.	2,240	·083	·002	·081
44 DD.	Do.	3,360	·126	·019	·107
44 DD.	Do.	4,480	·199	·027	·172
44 DD.	Do.	2,240	·070	·009	·061
46 A.	Stringy Bark of Coast	3,360	·098	·010	·088
46 A.	Do.	4,480	·131	·018	·113
46 A.	Do.	5,600	·184	·032	·152
46 A.	Do.	2,240	·057	·0	·057
46 C.	Do.	3,360	·081	·0	·031
46 C.	Do.	4,480	·114	·0	·114
46 C.	Do.	5,600	·155	·020	·135
47 A.	Stringy Bark	2,240	·071	·002	·069
47 A.	Do.	3,360	·092	·003	·084
47 A.	Do.	4,480	·122	·016	·106
47 A.	Do.	5,600	·170	·038	·132
48 A.	Stringy Bark, Camden	2,240	·069	·0	·069
48 A.	Do.	3,360	·091	·002	·089
48 A.	Do.	4,480	·121	·009	·112
48 A.	Do.	5,600	·230	·030	·200
48 C.	Do.	2,240	·072	·002	·070
48 C.	Do.	3,360	·096	·005	·091
48 C.	Do.	4,480	·131	·011	·120
48 C.	Do.	5,600	·195	·023	·187
49 A.	Stringy Bark, Berrima	2,240	·069	·0	·069
49 A.	Do.	3,360	·098	·0	·098
49 A.	Do.	4,480	·146	·010	·136
49 A.	Do.	5,600	·261	·039	·232
49 C.	Do.	2,240	·064	·0	·064
49 C.	Do.	3,360	·093	·0	·093
49 C.	Do.	4,480	·129	·008	·121
49 C.	Do.	2,240	·074	·0	·074
52 A.	Apple Tree of Coast	3,360	·109	·006	·103
52 A.	Do.	4,480	·130	·020	·160
52 A.	Do.	2,240	·076	·002	·074
52 C.	Do.	3,360	·118	·010	·109
52 C.	Do.	2,240	·124	·008	·116
53 A.	Apple Tree	2,240	·159	·016	·143
53 C.	Do.	2,240	·078	·0	·078
54 A.	Turpentine Tree	3,360	·112	·001	·111
54 A.	Do.	4,480	·163	·016	·147
55 A.	Water Gum	2,240	·081	·006	·073
55 A.	Do.	3,360	·115	·008	·107
55 A.	Do.	4,480	·171	·036	·141

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
NEW SOUTH WALES (S.) BK. I.					
55 A.	Water Gum -	5,600	'256	'056	'200
57 A.	Hickory -	2,240	'077	'004	'073
57 A.	Do. -	3,360	'116	'013	'103
57 A.	Do. -	4,480	'173	'032	'141
57 C.	Do. -	5,600	'400	'109	'291
57 C.	Do. -	2,240	'099	'006	'033
57 C.	Do. -	3,360	'156	'018	'138
57 C.	Do. -	4,480	'276	'061	'215
59 A.	Prickly Tea Tree	2,240	'106	'004	'102
59 A.	Do. -	3,360	'210	'048	'162
60 A.	Common Tea Tree	2,240	'106	'004	'102
60 A.	Do. -	3,360	'161	'012	'140
60 C.	Do. -	2,240	'118	'005	'113
64 A.	Broad-leaved Tea Tree	2,240	'070	'0	'070
64 A.	Do. -	3,360	'102	'001	'101
64 A.	Do. -	4,480	'157	'011	'146
70 A.	Myrtle	2,240	'078	'004	'074
70 A.	Do. -	3,360	'103	'006	'097
70 A.	Do. -	4,480	'154	'017	'137
70 A.	Do. -	5,600	'227	'040	'187
84 A.	Black Wattle of Illawarra	2,240	'068	'001	'067
84 A.	Do. -	3,360	'078	'005	'073
84 A.	Do. -	4,480	'111	'012	'099
105 A.	River or White Oak	5,600	'170	'029	'141
105 A.	Do. -	2,240	'078	'006	'072
105 A.	Do. -	3,360	'110	'011	'099
105 A.	Do. -	4,480	'152	'020	'132
105 A.	Do. -	5,600	'223	'040	'183
108 A.	Beech Brush Cherry	2,240	'106	'024	'142
108 A.	Do. -	3,360	'322	'082	'240
120 B.	Teak Wood -	2,240	'123	'018	'105
125 B.	Maiden's Blush	2,240	'208	'045	'163
125 D.	Do. -	2,240	'169	'036	'134
127 A.	Tamarind Tree	2,240	'090	'004	'080
127 A.	Do. -	3,360	'176	'024	'152
136 A.	White Maple	2,240	'228	'044	'184
136 B.	Do. -	2,240	'128	'013	'115
136 C.	Do. -	2,240	'112	'014	'098
137 A.	Do. -	2,240	'100	'013	'087
137 A.	Do. -	3,360	'157	'028	'129
137 B.	Do. -	4,480	'271	'070	'201
137 B.	Do. -	2,240	'080	'003	'077
137 B.	Do. -	3,360	'116	'010	'106
140 A.	Light Wood	4,480	'173	'028	'145
140 B.	Do. -	2,240	'145	'021	'124
140 B.	Do. -	2,240	'084	'007	'087
154 A.	Red Ash	3,360	'176	'032	'144
154 A.	Do. -	2,240	'070	'0	'076
154 A.	Do. -	3,360	'114	'004	'110
155 A.	Light Wood	4,480	'181	'020	'161
155 A.	Do. -	2,240	'083	'002	'081
155 A.	Do. -	3,360	'114	'014	'100
155 B.	Do. -	4,480	'183	'043	'150
155 B.	Do. -	2,240	'074	'002	'072
155 B.	Do. -	3,360	'102	'005	'097
171 A.	White Beech	4,480	'158	'022	'136
171 D.	Do. -	2,240	'188	'017	'171
177 A.	Mountain Ash	2,240	'152	'019	'133
177 A.	Do. -	2,240	'082	'0	'082
177 C.	Do. -	3,360	'136	'008	'128
177 C.	Do. -	2,240	'080	'0	'089
177 D.	Do. -	3,360	'154	'012	'142
177 D.	Do. -	2,240	'088	'005	'083
177 B.	Do. -	3,360	'166	'023	'143
QUEENSLAND.					
1 Aa.	Bunya Bunya	-	-	-	-
1 Ab.	Do. -	2,240	'193	'000	'132
1 B.	Do. -	2,240	'164	'010	'124
2 A.	Morston Bay Pine	2,240	'162	'050	'112
2 Aa.	Do. -	2,240	'130	'120	'310
		2,240	'248	'083	'165

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Per- manent Set.	Recovery from Deflec- tion on Removal of Strain.
QUEENSLAND.					
5 A.	She Pine	2,240	144	021	123
5 AG.	Do.	2,240	098	0	098
6 A.	Forest Oak	2,240	065	0	065
6 A.	Do.	3,360	088	0	088
6 A.	Do.	4,480	114	004	110
6 A.	Do.	5,600	153	011	142
6 AG.	Do.	2,240	186	013	173
6 AG.	Do.	3,360	128	018	110
7 A.	River Oak	2,240	115	010	105
8 A.	Shingle Oak	2,240	101	0	101
8 A.	Do.	2,240	133	015	118
9 A.	Swamp Oak	2,240	058	002	056
9 A.	Do.	3,360	083	008	075
9 A.	Do.	4,480	116	012	104
10 A.	Red Cedar	2,240	188	027	161
10 AG.	Do.	2,240	234	036	198
11 A.	Light Yellow Wood	2,240	094	008	086
11 A.	Do.	3,360	165	018	147
11 AG.	Do.	2,240	094	010	084
11 AG.	Do.	3,360	170	030	140
12 A.	Flindosa	2,240	063	005	058
12 A.	Do.	3,360	091	006	085
12 A.	Do.	4,480	124	007	117
12 A.	Do.	5,600	187	017	170
12 A.	Do.	6,720	323	037	291
12 AG.	Do.	2,240	060	001	059
12 AG.	Do.	3,360	086	003	083
12 AG.	Do.	4,480	121	008	113
12 AG.	Do.	5,600	188	022	166
12 AG.	Do.	6,720	410	038	347
13 A.	"	2,240	094	006	088
13 A.	"	3,360	122	019	103
13 AG.	"	2,240	092	009	083
13 AG.	"	3,360	202	046	156
15 A.	Silky Oak	2,240	192	019	173
15 AG.	Do.	2,240	137	014	123
17 A.	Tulip Tree	2,240	082	009	073
17 A.	Do.	3,360	373	086	287
17 AG.	Do.	2,240	077	007	070
17 AG.	Do.	3,360	153	024	129
19 A.	Light Wood	2,240	078	007	071
19 A.	Do.	3,360	112	012	100
19 A.	Do.	4,480	160	023	137
19 A.	Do.	5,600	275	035	220
19 AG.	Do.	2,240	068	002	066
19 AG.	Do.	3,360	100	006	094
19 AG.	Do.	4,480	151	015	136
19 AG.	Do.	5,600	267	044	223
20 A.	Callhum	2,240	070	003	067
20 A.	Do.	3,360	096	008	093
20 A.	Do.	4,480	132	005	127
20 A.	Do.	6,720	185	008	177
20 A.	Do.	7,840	288	016	222
20 AG.	Do.	2,240	105	010	095
20 AG.	Do.	2,240	103	004	102
21 A.	Cabbage Tree	2,240	160	018	142
23 A.	Mountain Ash	2,240	074	0	074
23 A.	Do.	3,360	110	002	108
23 AG.	Do.	2,240	058	0	058
23 AG.	Do.	3,360	080	003	077
23 AG.	Do.	4,480	107	008	099
23 AG.	Do.	5,600	146	013	133
23 AG.	Do.	6,720	210	018	192
24 A.	Broad-leaved Cherry	2,240	061	0	061
24 A.	Do.	3,360	082	002	080
24 A.	Do.	4,480	107	004	103
24 A.	Do.	5,600	140	009	131
24 AG.	Do.	2,240	053	0	058
24 AG.	Do.	3,360	085	002	083
24 AG.	Do.	4,480	119	008	111
24 AG.	Do.	5,600	173	019	154
25 A.	Cherry	2,240	186	033	154
25 AG.	Do.	2,240	106	006	098

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Per- manent Set.	Recovery from Deflec- tion on Removal of Strain.
QUEENSLAND.					
25 Aa.	Cherry	3,360	'164	'015	'149
28 A.	Mangrove	2,240	'123	'010	'113
28 A.	Do.	3,360	'175	'016	'162
28 Aa.	Do.	2,240	'153	'010	'143
29 A.	Lignum Vitæ	2,240	'081	'0	'081
29 A.	Do.	3,360	'112	'0	'112
29 A.	Do.	4,480	'156	'002	'154
29 Aa.	Do.	2,240	'078	'003	'073
29 Aa.	Do.	3,360	'103	'006	'097
29 Aa.	Do.	4,480	'140	'011	'129
30 A.	Beech	5,560	'212	'022	'190
30 Aa.	Do.	2,240	'115	'008	'108
30 Aa.	Do.	2,240	'107	'006	'101
31 A.	White Cedar	3,360	'308	'012	'286
32 Aa.	Plum Tree	2,240	'163	'035	'128
32 Aa.	Do.	2,240	'062	'0	'062
32 Aa.	Do.	3,360	'092	'003	'089
32 B.	Do.	4,480	'147	'016	'131
32 B.	Do.	2,240	'072	'003	'069
32 B.	Do.	3,360	'120	'014	'106
33 A.	Rosewood	4,480	'210	'040	'170
33 A.	Do.	2,240	'089	'004	'085
33 Aa.	Do.	3,360	'155	'019	'136
33 Aa.	Do.	2,240	'104	'010	'094
34 A.	Dark Yellow Wood	3,360	'244	'044	'200
34 A.	Do.	2,240	'078	'004	'074
35 A.	Cugerie	3,360	'125	'009	'116
35 Aa.	Do.	2,240	'158	'015	'143
35 Aa.	Do.	2,240	'104	'010	'094
36 A.	-	3,360	'278	'050	'228
36 A.	-	2,240	'075	'012	'063
36 A.	-	3,360	'109	'015	'094
36 Aa.	-	4,480	'154	'021	'133
36 Aa.	-	2,240	'066	'0	'066
36 Aa.	-	3,360	'094	'0	'094
38 A.	Grey Plum	2,240	'179	'020	'159
38 Aa.	Do.	2,240	'157	'015	'142
39 A.	Sassafras	2,240	'135	'009	'129
39 A.	Do.	2,240	'132	'008	'124
39 Aa.	Do.	2,240	'203	'029	'174
40 A.	-	2,240	'156	'021	'135
40 A.	-	2,240	'094	'007	'077
40 Aa.	-	3,360	'142	'019	'123
40 Aa.	-	2,240	'097	'010	'087
40 Aa.	-	3,360	'138	'022	'116
41 A.	-	4,480	'297	'044	'193
43 Aa.	Tamarind Tree	2,240	'154	'048	'106
43 Aa.	Do.	2,240	'091	'007	'087
44 A.	Tulip Wood	3,360	'163	'026	'142
44 A.	Do.	2,240	'062	'0	'062
44 A.	Do.	3,360	'093	'003	'090
44 A.	Do.	4,480	'147	'015	'132
44 Aa.	Do.	5,600	'239	'067	'232
44 Aa.	Do.	2,240	'090	'002	'058
44 Aa.	Do.	3,360	'086	'006	'080
44 Aa.	Do.	4,480	'125	'013	'113
45 A.	-	5,600	'205	'030	'175
45 A.	-	2,240	'083	'0	'063
45 A.	-	3,360	'087	'002	'085
45 Aa.	-	4,480	'174	'016	'154
45 Aa.	-	2,240	'053	'007	'076
45 Aa.	-	3,360	'128	'017	'111
46 A.	-	4,480	'228	'034	'194
46 A.	-	2,240	'090	'0	'090
46 A.	-	3,360	'129	'004	'125
46 Aa.	-	4,480	'219	'020	'199
46 Aa.	-	2,240	'081	'001	'077
46 Aa.	-	3,360	'122	'009	'113
47 A.	Lime Tree	4,480	'192	'020	'172
47 A.	Do.	2,240	'081	'006	'075
47 A.	Do.	3,360	'135	'019	'116
47 Aa.	Do.	4,480	'280	'065	'195
47 Aa.	-	2,240	'100	'014	'086

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
QUEENSLAND.					
48 A.	"	2,240	'072	'008	'064
48 A.	"	3,360	'098	'010	'088
48 A.	"	4,480	'135	'018	'120
48 A.	"	5,600	'205	'031	'174
48 Aa.	"	2,240	'056	'001	'055
48 Aa.	"	3,360	'079	'006	'073
48 Aa.	"	4,480	'104	'008	'096
48 Aa.	"	5,600	'142	'013	'129
48 Aa.	"	6,720	'222	'026	'196
49 A.	"	2,240	'114	'003	'111
49 A.	"	3,360	'190	'017	'182
49 Aa.	"	2,240	'084	'0	'084
49 Aa.	"	3,360	'120	'002	'118
49 Aa.	"	4,480	'217	'018	'199
50 A.	"	2,240	'118	'005	'113
50 A.	"	3,360	'238	'026	'212
50 Aa.	"	2,240	'076	'005	'071
51 A.	"	2,240	'142	'022	'120
52 A.	"	2,240	'120	'006	'114
52 Aa.	"	2,240	'085	'0	'085
52 Aa.	"	3,360	'140	'006	'134
53 A.	"	2,240	'080	'006	'074
53 A.	"	3,360	'118	'014	'104
53 A.	"	4,480	'209	'035	'174
53 Aa.	"	2,240	'080	'007	'073
53 Aa.	"	3,360	'112	'012	'100
53 Aa.	"	4,480	'204	'030	'174
54 A.	"	2,240	'077	'0	'077
54 A.	"	3,360	'110	'012	'098
54 A.	"	4,480	'167	'026	'131
54 Aa.	"	2,240	'081	'010	'071
54 Aa.	"	3,360	'122	'022	'100
54 Aa.	"	4,480	'189	'335	'154
55 A.	"	2,240	'077	'0	'077
55 A.	"	3,360	'119	'002	'117
55 A.	"	4,480	'204	'018	'186
55 Aa.	"	2,240	'076	'004	'072
55 Aa.	"	3,360	'115	'006	'109
55 Aa.	"	4,480	'186	'017	'169
56 A.	"	2,240	'161	'027	'134
56 Aa.	"	2,240	'116	'017	'099
57 A.	Iron Wood	2,240	'064	'004	'060
57 A.	Do.	3,360	'094	'009	'085
57 A.	Do.	4,480	'140	'018	'126
57 A.	Do.	5,600	'219	'038	'181
58 A.	Myrtle	2,240	'056	'003	'053
58 A.	Do.	3,360	'078	'006	'072
58 A.	Do.	4,480	'110	'009	'101
58 A.	Do.	5,600	'160	'020	'140
58 A.	Do.	6,720	'285	'048	'217
58 Aa.	Do.	2,240	'068	'0	'068
58 Aa.	Do.	3,360	'097	'008	'089
58 Aa.	Do.	4,480	'187	'015	'122
58 Aa.	Do.	5,600	'210	'030	'180
59 A.	"	2,240	'079	'006	'073
59 A.	"	3,360	'124	'018	'106
59 A.	"	4,480	'230	'074	'206
59 Aa.	"	2,240	'125	'008	'117
60 A.	"	2,240	'088	'003	'085
60 A.	"	3,360	'135	'010	'125
60 A.	"	4,480	'224	'032	'192
60 Aa.	"	2,240	'092	'0	'092
60 Aa.	"	3,360	'137	'009	'126
60 Aa.	"	4,480	'230	'037	'193
61 A.	"	2,240	'065	'0	'065
61 A.	"	3,360	'085	'0	'085
61 A.	"	4,480	'112	'0	'112
61 A.	"	5,600	'148	'003	'145
61 A.	"	6,720	'201	'008	'193
61 Aa.	"	2,240	'066	'0	'066
61 Aa.	"	3,360	'091	'0	'091
61 Aa.	"	4,480	'126	'002	'124
61 Aa.	"	5,600	'178	'012	'166

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection. Rem. val. of Strain.
<b>QUEENSLAND.</b>					
62 A.	Box	2,240	119	006	104
62 A.	"	3,360	181	022	150
63 A.	Black Iron Bark	2,240	053	0	053
63 A.	Do.	3,360	070	0	070
63 A.	Do.	4,480	092	0	092
63 A.	Do.	5,600	120	0	120
63 A.	Do.	6,720	165	018	147
63 A.	Do.	7,840	216	048	168
63 Aa.	Do.	2,240	050	002	057
63 Aa.	Do.	3,360	078	006	072
63 Aa.	Do.	4,480	104	009	095
63 Aa.	Do.	5,600	144	017	127
63 Aa.	Do.	6,720	201	030	171
64 A.	Grey Iron Bark	2,240	051	0	051
64 A.	Do.	3,360	083	0	083
64 A.	Do.	4,480	090	0	090
64 A.	Do.	5,600	122	006	116
64 A.	Do.	6,720	185	040	155
64 Aa.	Do.	2,240	052	004	048
64 Aa.	Do.	3,360	080	006	081
64 Aa.	Do.	4,480	090	008	082
64 Aa.	Do.	5,600	119	013	105
64 Aa.	Do.	6,720	161	027	141
64 Aa.	Do.	7,840	235	048	187
65 A.	Red Iron Bark	2,240	054	0	054
65 A.	Do.	3,360	072	0	072
65 A.	Do.	4,480	096	0	096
65 A.	Do.	5,600	128	006	122
65 A.	Do.	6,720	180	023	157
65 Aa.	Do.	2,240	054	0	054
65 Aa.	Do.	3,360	073	0	073
65 Aa.	Do.	4,480	098	006	092
65 Aa.	Do.	5,600	132	010	122
65 Aa.	Do.	6,720	177	025	152
66 A.	Stringy Bark	2,240	060	0	060
66 A.	Do.	3,360	094	001	093
66 A.	Do.	4,480	129	006	124
66 Aa.	Do.	2,240	070	0	070
66 Aa.	Do.	3,360	095	0	095
66 Aa.	Do.	4,480	130	007	126
67 A.	Spotted Gum	2,240	060	002	058
67 A.	Do.	3,360	082	002	080
67 A.	Do.	4,480	108	005	103
67 A.	Do.	5,600	144	008	136
67 Aa.	Do.	2,240	051	003	049
67 Aa.	Do.	3,360	071	006	065
67 Aa.	Do.	4,480	094	006	088
67 Aa.	Do.	5,600	121	012	109
67 Aa.	Do.	6,720	158	021	137
68 A.	Turpentine Tree	2,240	062	0	062
68 A.	Do.	3,360	082	003	079
68 A.	Do.	4,480	110	009	101
68 Aa.	Do.	2,240	060	0	060
68 Aa.	Do.	3,360	084	0	084
68 Aa.	Do.	4,480	120	006	114
68 Ab.	Do.	5,600	182	028	154
69 A.	Smooth-barked Gum	2,240	075	002	073
69 A.	Do.	3,360	114	010	104
69 Aa.	Do.	4,480	136	026	120
69 Aa.	Do.	2,240	068	007	061
70 A.	Blood Wood	2,240	120	011	109
70 A.	Do.	3,360	191	023	158
70 Aa.	Do.	2,240	110	010	100
70 Aa.	Do.	3,360	171	030	144
71 A.	Swamp Mahogany	2,240	060	0	060
71 A.	Do.	3,360	084	002	082
71 A.	Do.	4,480	101	004	097
71 Aa.	Do.	2,240	074	0	074
71 Aa.	Do.	3,360	096	003	093
72 A.	Woolly Butt	2,240	056	0	056
72 A.	Do.	3,360	072	0	072
72 A.	Do.	4,480	096	003	093
72 A.	Do.	5,600	123	008	115

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
QUEENSLAND.					
72 A.	Woolly Butt	6,720	*214	*028	*186
72 A.G.	Do.	2,240	*052	*0	*052
72 A.G.	Do.	3,360	*073	*0	*072
72 A.G.	Do.	5,600	*123	*008	*114
72 A.G.	Do.	6,720	*164	*018	*146
73 A.	Blue Gum	2,240	*070	*0	*070
73 A.	Do.	3,360	*096	*002	*094
73 A.	Do.	4,480	*158	*015	*141
73 A.	Do.	5,600	*288	*062	*226
73 A.G.	Do.	2,240	*070	*0	*070
73 A.G.	Do.	3,360	*100	*004	*096
73 A.G.	Do.	4,480	*158	*020	*138
76 A.	Prickly-leaved Tea Tree	2,240	*120	*006	*114
76 A.	Do.	3,360	*200	*028	*172
76 A.G.	Do.	2,240	*152	*014	*138
77 A.	Broad-leaved Tea Tree	2,240	*122	*010	*112
79 A.	Common Tea Tree	2,240	*064	*0	*084
79 A.	Do.	3,360	*122	*005	*117
79 A.	Do.	4,480	*197	*028	*160
79 A.G.	Do.	2,240	*087	*004	*083
79 A.G.	Do.	3,360	*125	*010	*115
79 A.G.	Do.	4,480	*199	*026	*173
80 A.	"	2,240	*118	*001	*117
80 A.	"	3,360	*193	*018	*175
80 A.	"	4,480	*406	*082	*324
80 A.G.	Bottle Brush Tree	2,240	*100	*004	*096
80 A.G.	Do.	3,360	*152	*019	*133
80 A.G.	Do.	4,480	*289	*050	*239
81 A.	"	2,240	*067	*0	*067
81 A.	"	3,360	*104	*005	*099
81 A.	"	4,480	*169	*018	*151
81 A.G.	"	2,240	*057	*0	*057
81 A.G.	"	3,360	*064	*002	*082
81 A.G.	"	4,480	*125	*011	*114
83 A.	"	2,240	*098	*007	*091
83 A.G.	"	2,240	*078	*004	*074
83 A.G.	"	3,360	*115	*009	*106
84 A.	Satin Wood	2,240	*068	*002	*066
84 A.	Do.	3,360	*100	*012	*088
84 A.	Do.	4,480	*236	*088	*198
84 A.G.	Do.	2,240	*062	*002	*060
84 A.G.	Do.	3,360	*108	*010	*093
84 A.G.	Do.	4,480	*204	*084	*170
87 A.	Leichhardt's Wood	2,240	*177	*022	*155
87 A.G.	Do.	2,240	*188	*033	*155
88 A.	"	2,240	*068	*0	*068
88 A.	"	3,360	*095	*0	*095
88 A.	"	4,480	*135	*004	*131
88 A.G.	"	2,240	*060	*0	*060
88 A.G.	"	3,360	*088	*002	*086
88 A.G.	"	4,480	*172	*012	*160
88 A.G.	"	5,600	*251	*034	*197
89 A.	"	2,240	*083	*006	*077
89 A.	"	3,360	*128	*012	*116
90 A.	"	2,240	*068	*0	*068
90 A.	"	3,360	*100	*004	*096
90 A.	"	4,480	*143	*010	*133
91 A.	Crab Tree	2,240	*080	*008	*077
91 A.	Do.	3,360	*111	*005	*106
91 A.	Do.	4,480	*145	*009	*136
92 B.	"	2,240	*190	*058	*032
93 A.	"	2,240	*073	*002	*071
93 A.	"	3,360	*112	*009	*103
93 A.	"	4,480	*209	*035	*174
93 A.G.	"	2,240	*071	*0	*071
93 A.G.	"	3,360	*118	*012	*106
93 A.G.	"	4,480	*250	*076	*174
94 A.	"	2,240	*071	*0	*071
94 A.	"	3,360	*110	*003	*107
97 A.	"	2,240	*066	*0	*066
97 A.	"	3,360	*092	*0	*092
97 A.	"	4,480	*180	*002	*128
97 A.	"	5,600	*200	*016	*184

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
QUEENSLAND.					
99 A.	Bean Tree	2,240	.150	.016	.154
99 Aa.	Do.	2,240	.093	"0	.096
99 Aa.	Do.	3,360	.155	.010	.145
100 Aa.	"	2,240	.128	.001	.127
102 Aa.	"	2,240	.130	.010	.120
102 B.	"	2,240	.234	.020	.216
104 A.	"	2,240	.087	"0	.087
104 A.	"	3,360	.124	.008	.118
104 A.	"	4,480	.182	.017	.165
104 Aa.	"	2,240	.085	"0	.085
104 Aa.	"	3,360	.123	.002	.121
104 Aa.	"	4,480	.195	.016	.179
104 Aa.	"	5,600	.276	.046	.230
105 A.	"	2,240	.124	.012	.108
105 Aa.	"	2,240	.108	.010	.098
105 A.	"	2,240	.079	.002	.068
106 A.	"	3,360	.111	.005	.106
106 Aa.	"	2,240	.070	"0	.070
106 Aa.	"	3,360	.098	.004	.094
106 Aa.	"	4,480	.142	.014	.135
106 Ba.	"	2,240	.065	"0	.065
106 Ba.	"	3,360	.097	.005	.092
106 Ba.	"	4,480	.145	.018	.128
106 Ca.	"	2,240	.073	.006	.067
106 Ca.	"	3,360	.104	.010	.094
106 Ca.	"	4,480	.153	.019	.134
108 A.	"	2,240	.056	"0	.056
108 A.	"	3,360	.080	"0	.080
108 A.	"	4,480	.111	.004	.107
108 A.	"	5,600	.156	.014	.142
108 A.	"	6,720	.259	.050	.219
108 Aa.	"	2,240	.068	.002	.066
108 Aa.	"	3,360	.092	.005	.087
108 Aa.	"	4,480	.129	.008	.121
108 Aa.	"	5,600	.183	.020	.163
109 A.	Olive Tree	2,240	.055	.003	.052
109 A.	Do.	3,360	.080	.007	.073
109 A.	Do.	4,480	.109	.010	.099
109 A.	Do.	5,600	.152	.013	.139
109 Aa.	Do.	6,720	.274	.045	.229
109 Aa.	Do.	2,240	.053	"0	.053
109 Aa.	Do.	3,360	.071	.002	.069
109 Aa.	Do.	4,480	.098	.006	.092
109 Aa.	Do.	5,600	.138	.015	.123
109 Aa.	Do.	6,720	.220	.035	.185
110 A.	"	2,240	.075	.001	.074
110 A.	"	3,360	.106	.005	.101
110 Aa.	"	2,240	.072	"0	.072
110 Aa.	"	3,360	.122	.005	.117
111 A.	"	2,240	.062	.003	.059
111 A.	"	3,360	.083	.006	.077
111 A.	"	4,480	.113	.008	.105
111 Aa.	"	2,240	.073	.001	.072
111 Aa.	"	3,360	.106	.007	.099
111 Aa.	"	4,480	.136	.026	.119
112 A.	"	2,240	.080	.004	.076
112 A.	"	3,360	.146	.018	.128
113 A	Mangrove	2,240	.084	"0	.088
113 A.	Do.	3,360	.126	.002	.124
113 Aa.	Do.	4,480	.196	.013	.183
113 Aa.	Do.	2,240	.091	.001	.090
113 Aa.	Do.	3,360	.129	.005	.124
113 Aa.	Do.	4,480	.180	.008	.172
114 B.	"	2,240	.148	.007	.141
115 A.	"	2,240	.065	.007	.058
115 A.	"	3,360	.092	.009	.083
115 A.	"	4,480	.120	.011	.109
115 A.	"	5,600	.159	.016	.143
115 A.	"	6,720	.213	.025	.188
116 A.	"	2,240	.101	.009	.092
116 A.	"	3,360	.166	.029	.167
117 A.	Rosewood	2,240	.060	.005	.055
117 A.	Do.	3,360	.080	.007	.073

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
QUEENSLAND.					
117 A.	Rosewood	4,480	*104	*009	*095
117 A.	Do.	5,600	*138	*016	*122
117 A.	Do.	6,720	*198	*023	*175
117 AG.	Do.	2,240	*078	*002	*076
117 AG.	Do.	3,360	*107	*003	*104
117 AG.	Do.	4,480	*148	*008	*140
118 AG.	Do.	2,240	*074	*003	*071
118 AG.	Do.	3,360	*111	*007	*104
120 A.	Do.	2,240	*046	0	*046
120 A.	Do.	3,360	*063	0	*063
120 A.	Do.	4,480	*079	0	*079
120 A.	Do.	5,600	*102	*001	*101
120 A.	Do.	6,720	*128	*003	*125
120 A.	Do.	7,840	*164	*006	*158
120 A.	Do.	8,960	*200	*012	*188
121 AG.	Weeping Myall	2,240	*050	0	*050
121 AG.	Do.	3,360	*068	0	*068
121 AG.	Do.	4,480	*085	0	*085
121 AG.	Do.	5,600	*103	0	*103
121 AG.	Do.	6,720	*128	*003	*125
121 AG.	Do.	7,840	*153	*007	*145
121 AG.	Do.	8,960	*219	*018	*201
121 A.	Do.	2,240	*052	0	*052
121 A.	Do.	3,360	*072	0	*072
121 A.	Do.	4,480	*094	0	*094
121 A.	Do.	6,720	*160	*011	*149
121 A.	Do.	7,840	*212	*021	*191
122 A.	Bricklow	2,240	*067	*006	*051
122 A.	Do.	3,360	*075	*006	*069
122 A.	Do.	4,480	*094	*007	*087
122 A.	Do.	5,600	*113	*009	*104
122 A.	Do.	6,720	*151	*013	*138
122 A.	Do.	7,840	*206	*020	*186
122 AG.	Do.	2,240	*067	*003	*064
122 AG.	Do.	3,360	*090	*004	*086
122 AG.	Do.	4,480	*120	*010	*110
122 AG.	Do.	5,600	*157	*016	*141
122 AG.	Do.	6,720	*213	*022	*191
123 A.	Acacia	2,240	*071	0	*071
123 A.	Do.	3,360	*104	*036	*063
123 A.	Do.	4,480	*144	*012	*132
123 A.	Do.	5,600	*209	*026	*183
RUSSIA.					
2 A.	Larch	2,240	*226	*042	*184
3 A.	Do.	2,240	*142	*010	*132
4 B.	Do.	2,240	*220	*018	*202
5 B.	Do.	2,240	*168	*026	*142
6 A.	Riga Oak	2,240	*122	*008	*114
6 A.	Do.	3,360	*307	*064	*243
6 C.	Do.	2,240	*193	*034	*159
TASMANIA.					
8 A.	Black Wood	2,240	*062	*006	*056
8 A.	Do.	3,360	*086	*006	*080
8 A.	Do.	4,480	*145	*020	*125
8 C.	Do.	2,240	*078	*014	*064
8 C.	Do.	3,360	*130	*021	*109
8 C.	Do.	4,480	*271	*054	*217
8 AG.	Do.	2,240	*061	0	*061
8 AG.	Do.	3,360	*095	*001	*094
8 AG.	Do.	4,480	*180	*019	*161
8 CG.	Do.	2,240	*078	*005	*073
8 CG.	Do.	3,360	*116	*008	*108
8 CG.	Do.	4,480	*186	*023	*163
8 CC.	Do.	2,240	*076	*005	*071
8 CC.	Do.	3,360	*116	*010	*106
8 CD.	Do.	4,480	*270	*047	*223

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
<b>TASMANIA.</b>					
85 A.	Peppermint	2,240	.116	.015	.101
85 A.	Do.	3,360	.193	.036	.157
85 C.	Do.	2,240	.091	.014	.077
85 C.	Do.	3,360	.135	.029	.106
85 C.	Do.	4,480	.254	.075	.179
85 C.	Do.	2,240	.128	.020	.108
93-94 A.	Myrtle	3,360	.310	.088	.222
93-94 A.	Do.	2,240	.104	.013	.091
93-94 C.	Do.	3,360	.335	.076	.259
93-94 C.	Do.	2,240	.136	.019	.117
97 A.	White Gum	3,360	.197	.032	.165
97 A.	Do.	2,240	.089	.014	.075
369 A.	Tea Tree	3,360	.247	.062	.185
369 A.	Do.	2,240	.090	.011	.079
369 C.	Do.	3,360	.158	.055	.103
369 C.	Do.	2,240	.078	.012	.066
373 C.	Springy Bark	3,360	.078	.012	.066
373 C.	Do.	4,480	.102	.015	.087
373 C.	Do.	5,600	.138	.024	.114
373 C.	Do.	6,720	.198	.039	.159
373 C.	Do.	2,240	.074	.009	.065
373 C.	Do.	3,360	.104	.010	.094
373 C.	Do.	4,480	.141	.015	.126
373 C.	Do.	2,240	.064	.007	.087
374 A.	Blue Gum	3,360	.171	.027	.144
374 A.	Do.	2,240	.106	.009	.097
374 C.	Do.	3,360	.166	.027	.139
374 C.	Do.	2,240	.058	.014	.044
538 C.	Do.	3,360	.084	.016	.068
538 C.	Do.	4,480	.115	.021	.094
538 C.	Do.	5,600	.162	.031	.131
538 C.	Do.	6,720	.246	.062	.184
<b>TRINIDAD.</b>					
155 A.	Tapana	2,240	.078	.0	.078
155 A.	Do.	3,360	.120	.012	.108
155 A.	Do.	4,480	.262	.060	.222
166 A.	Soapnut Tree	2,240	.084	.004	.080
166 A.	Do.	3,360	.147	.014	.133
166 C.	Do.	2,240	.100	.001	.099
166 C.	Do.	2,240	.060	.0	.060
168 A.	Surette	2,240	.082	.003	.079
168 A.	Do.	3,360	.141	.018	.123
168 A.	Do.	4,480	.141	.018	.123
168 C.	Do.	2,240	.087	.004	.085
168 C.	Do.	3,360	.151	.018	.133
168 C.	Do.	4,480	.202	.028	.174
169 A.	Paraman	2,240	.098	.0	.098
169 A.	Do.	3,360	.191	.008	.183
169 C.	Do.	2,240	.121	.002	.119
171 A.	Galba	2,240	.096	.0	.096
171 A.	Do.	3,360	.192	.019	.175
171 A.	Do.	4,480	.174	.020	.154
171 C.	Do.	2,240	.117	.023	.094
171 C.	Do.	3,360	.213	.043	.170
185 A.	Noyer	2,240	.080	.0	.080
185 A.	Do.	3,360	.103	.001	.102
185 A.	Do.	4,480	.136	.008	.128
185 C.	Do.	5,600	.186	.018	.168
185 C.	Do.	2,240	.073	.001	.072
185 C.	Do.	3,360	.099	.003	.096
185 C.	Do.	4,480	.132	.009	.125
185 C.	Do.	5,600	.192	.020	.172
186 A.	Mango	2,240	.192	.021	.171
187 A.	Gommier	2,240	.084	.001	.083
187 A.	Do.	3,360	.170	.020	.150
187 C.	Do.	2,240	.101	.0	.101
196 A.	Beef Wood	2,240	.074	.0	.074
196 A.	Do.	3,360	.104	.0	.104
196 A.	Do.	4,480	.154	.009	.145
198 A.	Laurel	2,240	.136	.009	.127
198 A.	Do.	3,360	.194	.023	.171

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
TRINIDAD.					
198 C.	Laurel	2,240	.097	.0	.097
198 C.	Do.	3,360	.224	.030	.194
200 A.	Laurier Canelle	2,240	.076	.0	.076
200 A.	Do.	3,360	.097	.001	.096
200 A.	Do.	4,480	.159	.014	.145
200 A.	Do.	5,600	.185	.016	.169
200 C.	Do.	2,240	.072	.002	.070
200 C.	Do.	3,360	.103	.008	.095
200 C.	Do.	4,480	.166	.015	.151
200 C.	Do.	5,600	.332	.060	.262
201 C.	Laurier Blanc	2,240	.094	.0	.094
201 C.	Do.	3,360	.169	.012	.157
201 Aa.	Do.	2,240	.088	.0	.088
201 Aa.	Do.	3,360	.190	.018	.172
206 A.	Bois de Fer	2,240	.114	.010	.104
206 A.	Do.	3,360	.221	.020	.192
206 A.	Do.	4,480	.207	.024	.083
206 C.	Do.	2,240	.128	.008	.120
206 C.	Do.	3,360	.296	.032	.264
207 A.	Cauto	2,240	.072	.0	.072
207 A.	Do.	3,360	.102	.0	.102
207 A.	Do.	4,480	.155	.007	.148
207 C.	Do.	2,240	.098	.006	.092
212 A.	Balsam Capivi	2,240	.141	.0	.141
212 A.	Do.	3,360	.245	.023	.222
214 A.	Savonette Jaune	2,240	.064	.0	.064
214 A.	Do.	3,360	.086	.003	.082
214 A.	Do.	4,480	.117	.008	.109
214 A.	Do.	5,600	.194	.022	.172
214 C.	Do.	2,240	.065	.0	.065
214 C.	Do.	3,360	.089	.002	.087
214 C.	Do.	4,480	.125	.006	.119
214 C.	Do.	5,600	.184	.016	.168
214 C.	Do.	6,720	.273	.032	.241
216 A.	Purple Heart	2,240	.062	.001	.051
	Do.	3,360			
216 A.	Do.	4,480	.093	.007	.086
	Do.	5,600			
216 A.	Do.	6,720	.150	.018	.132
217 A.	Locust	2,240	.080	.0	.060
217 A.	Do.	3,360	.086	.003	.083
217 A.	Do.	4,480	.113	.012	.101
217 A.	Do.	5,600	.153	.018	.135
217 A.	Do.	6,720	.203	.028	.175
218 A.	"	2,240	.066	.0	.066
218 A.	"	3,360	.084	.003	.081
218 A.	"	4,480	.113	.009	.104
218 A.	"	5,600	.168	.020	.148
218 C.	"	2,240	.069	.0	.069
218 C.	"	3,360	.090	.0	.090
218 C.	"	4,480	.124	.008	.116
218 C.	"	5,600	.205	.022	.183
219 A.	Tamarind	2,240	.127	.006	.121
219 A.	Do.	3,360	.178	.016	.162
219 C.	Do.	2,240	.105	.006	.099
219 C.	Do.	3,360	.143	.008	.135
220 A.	Casse	2,240	.160	.001	.099
220 A.	Do.	3,360	.140	.006	.134
220 A.	Do.	4,480	.198	.018	.180
221 A.	Guatamare	2,240	.055	.0	.055
221 A.	Do.	3,360	.072	.0	.072
221 A.	Do.	4,480	.090	.0	.090
221 A.	Do.	5,600	.110	.0	.110
221 A.	Do.	6,720	.187	.0	.137
221 A.	Do.	7,840	.175	.007	.168
221 A.	Do.	8,960	.225	.014	.211
222 A.	Bois Mulatre	2,240	.068	.0	.068
222 A.	Do.	3,360	.107	.001	.106
222 A.	Do.	4,480	.206	.012	.194
222 C.	Do.	2,240	.089	.007	.082
222 C.	Do.	3,360	.139	.018	.121
226 A.	Angelin	2,240	.091	.0	.091
226 A.	Do.	3,360	.122	.0	.122
226 A.	Do.	4,480	.167	.008	.159

TABLE VIII.—continued.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Renewal of Strain.
TRINIDAD.					
226 A.	Angelin	5,600	.245	.022	.224
227 A.	Do.	2,240	.130	.003	.127
237 A.	"	2,240	.066	"	.068
237 A.	"	3,360	.095	"	.095
237 A.	"	4,480	.136	.002	.134
237 A.	"	5,600	.197	.016	.181
237 A.	"	2,240	.004	"	.004
243 A.	Acoma or Mastic	3,360	.082	"	.082
243 A.	Do.	4,480	.107	.002	.105
243 A.	Do.	5,600	.147	.009	.141
243 A.	Do.	2,240	.115	"	.115
243 A.	Cypre	3,360	.200	.030	.230
248 A.	Do.	2,240	.115	.002	.113
248 C.	Do.	2,240	.050	.005	.042
257 B.	Pouli	3,360	.066	.010	.056
257 B.	Do.	4,480	.081	.016	.065
257 B.	Do.	6,720	.119	.016	.103
257 B.	Do.	7,840	.165	.022	.142
257 C.	Do.	2,240	.046	.010	.036
257 C.	Do.	4,480	.077	.010	.067
257 C.	Do.	6,720	.113	.012	.101
257 C.	Do.	7,840	.167	.026	.141
257 C.	Do.	2,240	.072	"	.072
262 A.	Olivier	3,360	.101	.004	.097
262 A.	Do.	4,480	.143	.016	.127
262 A.	Do.	2,240	.075	"	.075
262 C.	Do.	3,360	.114	.007	.107
262 C.	Do.	4,480	.155	.015	.140
262 C.	Do.	5,600	.254	.029	.225
265 A.	Red Mangrove	2,240	.065	"	.065
265 A.	Do.	3,360	.091	"	.091
265 A.	Do.	4,480	.119	.008	.111
265 A.	Do.	5,600	.190	.025	.165
270 A.	Wild Guava	2,240	.090	"	.090
270 A.	Do.	3,360	.135	.007	.128
270 A.	Do.	4,480	.225	.024	.201
276 A.	Guatcare	2,240	.059	"	.059
276 A.	Do.	3,360	.083	"	.082
276 A.	Do.	4,480	.108	.001	.107
276 A.	Do.	5,600	.184	.015	.169
280 A.	Genipa	2,240	.106	"	.106
280 A.	Do.	3,360	.158	.004	.152
280 A.	Do.	4,480	.270	.020	.250
280 C.	Do.	2,240	.119	.001	.115
280 C.	Do.	3,360	.191	.016	.175
280 C.	Do.	4,480	.348	.045	.303
VICTORIA.					
1 A.	"	2,240	.076	"	.076
1 A.	"	3,360	.110	.002	.108
1 A.	"	4,480	.143	.008	.135
1 C.	"	2,240	.086	.001	.082
1 C.	"	3,360	.126	.010	.116
2 A.	"	2,240	.082	.010	.072
2 A.	"	3,360	.124	.017	.106
2 A.	"	4,480	.186	.029	.157
2 AG.	"	2,240	.111	.016	.095
2 AG.	"	3,360	.168	.028	.150
2 AG.	"	2,240	.114	.005	.109
2 AG.	"	3,360	.165	.017	.148
2 C.	"	2,240	.086	.007	.079
2 C.	"	3,360	.148	.018	.130
2 C.	"	4,480	.212	.050	.202
2	"	2,240	.087	.005	.081
2	"	3,360	.133	.011	.115
2	"	2,240	.112	.012	.100
2	"	3,360	.178	.014	.154
3 A.	"	2,240	.083	"	.082
3 A.	"	3,360	.121	.005	.116
3 A.	"	4,480	.204	.010	.174
6 A.	"	2,240	.079	"	.079
6 A.	"	3,360	.117	.006	.111

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
VICTORIA.					
6 A.	"	4,480	'201	'028	'173
6 C.	"	2,240	'081	'022	'079
6 C.	"	3,360	'136	'015	'121
6 C.	"	4,480	'226	'027	'119
7 A.	"	2,240	'132	'006	'126
7 A.	"	3,360	'215	'034	'171
7 A.	"	4,480	'440	'108	'332
7 C.	"	2,240	'146	'008	'138
7 C.	"	3,360	'270	'040	'230
8 A.	"	2,240	'082	'0	'082
8 A.	"	3,360	'114	'004	'110
8 A.	"	4,480	'166	'017	'149
8 C.	"	2,240	'071	'0	'071
8 C.	"	3,360	'102	'005	'097
8 C.	"	4,480	'161	'022	'139
8 C.	"	5,600	'260	'048	'212
9 A.	"	2,240	'074	'0	'074
9 A.	"	3,360	'104	'004	'100
9 A.	"	4,480	'178	'020	'158
9 C.	"	2,240	'220	'041	'179
10 A.	"	2,240	'110	'009	'101
10 A.	"	3,360	'151	'019	'132
10 A.	"	4,480	'232	'042	'190
10 C.	"	2,240	'107	'006	'101
10 C.	"	3,360	'156	'012	'144
10 O.	"	2,240	'086	'004	'082
10 O.	"	3,360	'127	'008	'119
10 O.	"	4,480	'171	'018	'153
10	"	2,240	'096	'0	'096
10	"	3,360	'165	'016	'149
11 A.	"	2,240	'094	'008	'086
11 A.	"	3,360	'150	'018	'132
14 A.	"	2,240	'123	'017	'106
14 A.	"	3,360	'191	'033	'158
14 A.	"	2,240	'080	'003	'077
14 A.	"	3,360	'116	'010	'106
14 A.	"	4,480	'180	'024	'156
14 A.	"	2,240	'127	'011	'116
14 A.C.	"	3,360	'268	'035	'223
14 A.C.	"	2,240	'194	'021	'173
14 C.	"	2,240	'088	'006	'082
14 C.	"	3,360	'180	'017	'113
14	"	2,240	'090	'018	'072
14	"	3,360	'125	'025	'100
14	"	4,480	'162	'034	'128
15 A.	"	2,240	'128	'007	'121
15 A.	"	3,360	'302	'047	'255
15 C.	"	2,240	'182	'013	'169
16 B.	"	2,240	'162	'009	'153
22 A.	"	2,240	'073	'0	'073
22 A.	"	3,360	'097	'0	'097
22 A.	"	4,480	'128	'004	'124
22 A.	"	5,600	'190	'017	'173
22 C.	"	2,240	'080	'001	'079
22 C.	"	3,360	'109	'005	'104
22 C.	"	4,480	'145	'014	'131
22 C.	"	5,600	'193	'027	'166
23 A.	"	2,240	'076	'003	'073
28 A.	"	3,360	'103	'010	'093
28 A.	"	4,480	'136	'013	'118
28 A.	"	5,600	'194	'023	'166
28 A.	"	2,240	'071	'0	'071
28 A.	"	3,360	'096	'005	'091
28 A.	"	4,480	'129	'010	'119
28 A.	"	5,600	'182	'022	'160
28 C.	"	2,240	'062	'0	'062
28 C.	"	3,360	'094	'007	'087
28 C.	"	4,480	'123	'014	'114
28 C.	"	5,600	'168	'022	'146
29 A.	"	2,240	'082	'004	'078
29 A.	"	3,360	'115	'009	'104
29 A.	"	4,480	'169	'020	'149
29 A.	"	2,240	'089	'007	'082

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanant Set.	Recovery from Deflection on Removal of Strain.
VICTORIA.					
29 A.	-	3,360	.128	.014	.114
29 A.	-	4,480	.192	.023	.169
29 Aa.	-	2,240	.082	.0	.082
29 Aa.	-	3,360	.133	.0	.133
29 Aa.	-	4,480	.306	.0	.306
29 Ac.	-	2,240	.082	.0	.082
29 Ac.	-	3,360	.122	.006	.116
29 Ac.	-	4,480	.183	.022	.161
29 C.	-	2,240	.103	.008	.095
31 A.	-	2,240	.147	.002	.145
33 A.	-	2,240	.114	.013	.101
33 B.	-	2,240	.107	.0	.107
33 B.	-	3,360	.167	.029	.138
33 C.	-	2,240	.110	.007	.103
34 A.	-	2,240	.085	.003	.082
34 A.	-	3,360	.126	.008	.112
34 C.	-	4,480	.186	.020	.160
34 C.	-	2,240	.096	.0	.096
34 C.	-	3,360	.128	.006	.122
35 A.	-	4,480	.182	.019	.163
35 C.	-	2,240	.108	.018	.090
36 A.	-	2,240	.137	.022	.115
36 C.	-	2,240	.158	.018	.140
38 A.	-	2,240	.154	.017	.137
38 A.	-	2,240	.119	.015	.104
38 C.	-	3,360	.215	.054	.181
38 C.	-	2,240	.093	.006	.090
38 C.	-	3,360	.141	.010	.131
39 Ac.	-	4,480	.239	.034	.205
39 Ad.	-	2,240	.306	.070	.236
39 C.	-	2,240	.227	.064	.163
40 A.	-	2,240	.243	.062	.181
40 C.	-	2,240	.230	.034	.196
42 A.	-	2,240	.223	.029	.191
42 A.	-	2,240	.081	.006	.075
42 A.	-	3,360	.126	.013	.113
42 Aa.	-	4,480	.222	.028	.194
42 Aa.	-	2,240	.098	.006	.090
42 Aa.	-	3,360	.126	.010	.107
42 Aa.	-	4,480	.249	.055	.194
42 Ac.	-	2,240	.096	.006	.090
42 Ac.	-	3,360	.150	.016	.134
42 C.	-	4,480	.282	.078	.244
42 C.	-	2,240	.079	.008	.071
42 C.	-	3,360	.118	.018	.100
43 A.	-	4,480	.198	.032	.166
43 A.	-	2,240	.110	.013	.097
43 C.	-	3,360	.171	.028	.143
43 C.	-	2,240	.133	.012	.121
45 A.	-	3,360	.204	.043	.161
45 A.	-	2,240	.116	.017	.099
45 C.	-	3,360	.287	.087	.220
45 C.	-	2,240	.086	.015	.075
45 C.	-	3,360	.164	.032	.132

TABLE IX.—SUMMARY OF TABLES.

No. of Specimen.	Name.	Colony.	Table I.		Table II.		Table III.		Table IV.		Table V.		Table VI.		Table VII.		Table VIII.	
			Specific Gravity.	Distilled Water being 1000.	lbs.	Page.	Mean Breaking Weight.	lbs.	Page.	Actual Direct Crushing Weight.	lbs.	Page.	Mean Direct Crushing Weight.	lbs.	Page.	Actual Transverse Crushing Weight.	lbs.	Page.
20 A.	Pinus Picea	Austria	0.408	10	754	13												
20 B.	Do.	Do.		19	1,036													
20 C.	Do.	Do.		20	1,764													
20 D.	Do.	Do.		21	1,083													
21 A.	Do.	Do.	0.420	22	1,717													
21 B.	Do.	Do.		23	1,454													
21 C.	Do.	Do.		24	1,904													
22 A.	Pinus Abies	Do.	0.423	25	1,680													
22 B.	Do.	Do.		26	1,680													
22 C.	Do.	Do.		27	2,128													
22 D.	Do.	Do.		28	1,908													
24 A.	Do.	Do.	0.427	29	2,240			2,284	80									
24 B.	Do.	Do.		30	2,184			39	32									
24 Aa.	Do.	Do.		31	4,396			32	32									
24 Ab.	Do.	Do.		32	4,460			69	32									
4 A.	Monkey Nut	British Guiana	0.992	8	5,040	13		4,780	76					7,840	145		4,533	207
4 B.	Do.	Do.		9	4,928			32	32					8,400	145		207	
4 C.	Do.	Do.		10	4,340			32	32					7,616	145		207	
4 D.	Do.	Do.		11	4,480			32	32					6,972	145		207	
5 A.	Kakarilli	Do.	0.774	7	4,180	31		4,312	77					8,792	135		1,904	210
5 B.	Do.	Do.		8	3,360			32	32					8,932	135		No result.	
7 A.	Moraballi or Mooraballi.	Do.	0.835	6	4,088	31		4,327	76					7,131	138		4,533	210
7 B.	Do.	Do.		7	4,088			32	32					7,653	138		210	
7 C.	Do.	Do.		8	4,648			32	32					6,386	138		210	
7 D.	Do.	Do.		9	3,808			32	32					5,413	138		210	
14 A.	Houtaballi	Do.	0.715	8	2,884	22		2,373	79					7,392	146		2,310	
14 B.	Do.	Do.		9	2,128			32	32					7,877	146		2,310	
14 C.	Do.	Do.		10	2,652			32	32					7,392	146		2,310	
14 D.	Do.	Do.		11	1,848			32	32					7,280	146		2,310	
15 A.	Mora	Do.	0.981	4	4,928	32		2,373	75					9,020	135		5,782	205
	Do.	Do.		5										8,848	135		5,782	205
				6										8,696	135		5,782	205

TABLE IX.—continued.

No. of Specimen.	Name.	Colony.	Table I.		Table II.		Table III.		Table IV.		Table V.		Table VI.		Table VII.		Table VIII.	
			Specific Gravity.	Displaced Water (lbs.)	Actual Breaking Weight.	Dbs.	Page.	Actual Breaking Weight.	Dbs.	Page.	Actual Crushing Weight.	Dbs.	Page.	Mean Transverse Crushing Weight.	Dbs.	Page.	Actual Transverse Crushing Weight.	Dbs.
15 C.	Moira	British Guiana	0.931	4	4704	13	4,788	75	9,096	82	9,020	135	140	5,782	205	213		
15 A.	Burned Bully, or Bull's Free.	Do.	1.062	2	4,742	"	7,603	72	885	"	11,722	134	"	3,572	209	"		
16 B.	Do.	Do.	"	"	8,238	"	"	"	12,010	"	"	"	"	"	"	"		
16 C.	Do.	Do.	"	"	7,224	"	"	"	12,471	"	"	"	"	"	"	"		
16 A.	Do.	Do.	"	"	8,004	"	"	"	12,152	"	"	"	"	"	"	"		
16 B.	Do.	Do.	"	"	7,796	"	"	"	10,728	"	"	"	"	"	"	"		
16 A.	Guaba, or Crab Wood.	Do.	0.719	3	4,028	"	6,210	77	7,217	"	7,217	138	"	5,201	206	"		
16 B.	Do.	Do.	"	"	4,736	"	"	"	7,205	"	"	"	"	"	"	"		
16 C.	Do.	Do.	"	"	3,192	"	8,116	72	7,706	"	"	"	"	5,039	"	"		
20 A.	Guiana or Tabaka.	Do.	"	"	"	"	"	"	10,431	"	12,212	134	"	"	"	"		
20 B.	Do.	Do.	"	"	7,016	13	"	"	1,777	"	"	"	"	"	"	"		
20 C.	Do.	Do.	"	"	7,284	"	"	"	1,772	"	"	"	"	"	"	"		
20 B.	Do.	Do.	"	"	7,152	"	"	"	1,772	"	"	"	"	"	"	"		
20 A.	S. F. or Greenheart.	Do.	1.050	2	7,152	"	7,362	"	12,021	"	"	"	"	"	"	"		
20 B.	Do.	Do.	"	"	8,116	"	"	"	"	"	"	"	"	"	"	"		
20 C.	Do.	Do.	"	"	7,224	"	"	"	"	"	"	"	"	"	"	"		
20 A.	Do.	Do.	"	"	8,238	"	"	"	"	"	"	"	"	"	"	"		
20 B.	Do.	Do.	"	"	8,004	"	"	"	"	"	"	"	"	"	"	"		
20 C.	Do.	Do.	"	"	8,238	"	"	"	"	"	"	"	"	"	"	"		
20 A.	Do.	Do.	0.712	3	3,654	"	3,652	78	8,288	82	8,289	136	140	1,792	211	"		
20 B.	Do.	Do.	"	"	3,654	"	"	"	"	"	"	"	"	"	"	"		
20 C.	Do.	Do.	"	"	3,654	"	"	"	"	"	"	"	"	"	"	"		
1 A.	Surpote	British Honduras	1.057	2	6,024	15	4,028	75	5,752	82	5,690	141	147	6,787	204	214		
1 B.	Do.	Do.	"	"	7,224	"	"	"	7,706	"	"	"	"	"	"	"		
1 C.	Do.	Do.	"	"	8,004	"	"	"	8,238	"	"	"	"	"	"	"		
2 A.	Germanilla	Do.	1.057	2	8,004	"	7,004	72	11,648	"	12,278	134	"	5,318	206	"		
2 B.	Do.	Do.	"	"	7,224	"	"	"	12,008	"	"	"	"	5,152	"	"		
3 A.	Do.	Do.	"	"	7,224	"	"	"	12,008	"	"	"	"	5,152	"	"		
3 B.	Do.	Do.	"	"	7,224	"	"	"	12,008	"	"	"	"	5,152	"	"		
3 C.	Do.	Do.	"	"	7,224	"	"	"	12,008	"	"	"	"	5,152	"	"		

[illegible]



[illegible]



7,531 A.	Do.	-	-	-	0.857	6	3,328	10	3,598	78	9,312	5,512	136	2,531	155	2,651	210
7,618 A.	Do.	-	-	-	0.793	7	3,668	-	3,598	78	6,384	5,880	141	1,008	-	1,382	211
7,619 A.	Do.	-	-	-	-	-	3,668	-	2,828	79	6,109	6,178	140	9,520	-	8,694	203
7,619 B.	Do.	-	-	-	0.733	8	2,800	-	2,828	79	6,197	7,576	137	2,156	-	2,958	209
7,622 A.	Do.	-	-	-	0.774	7	2,866	-	4,319	76	7,588	-	-	-	-	-	-
7,622 B.	Do.	-	-	-	-	-	5,006	-	-	-	8,027	-	-	2,772	-	-	-
7,622 C.	Do.	-	-	-	-	-	2,856	-	-	-	7,784	-	-	3,948	-	-	-
7,622 D.	Do.	-	-	-	-	-	4,844	-	-	-	6,907	-	-	3,068	-	-	-
7,629 A.	Do.	-	-	-	0.969	3	3,472	-	5,600	74	13,608	11,022	131	3,068	155	4,594	207
7,629 B.	Do.	-	-	-	-	-	7,728	-	-	-	8,437	-	-	4,000	-	10,080	202
7,629 C.	Do.	-	-	-	0.631	9	2,500	-	2,884	79	4,704	4,760	132	10,080	-	-	-
7,629 D.	Do.	-	-	-	-	-	2,968	-	-	-	4,816	-	-	10,080	-	-	-
7,635 A.	Do.	-	-	-	0.622	3	3,136	-	3,021	-	5,488	5,488	131	10,080	-	-	-
7,635 B.	Do.	-	-	-	-	-	2,912	-	3,052	-	7,952	6,883	139	5,563	-	6,907	204
7,635 C.	Do.	-	-	-	0.879	3	3,360	-	-	-	5,824	4,816	142	10,080	-	10,080	202
7,635 D.	Do.	-	-	-	-	-	2,744	-	-	-	4,816	6,440	140	1,008	-	1,008	211
7,637 A.	Do.	-	-	-	0.657	9	3,132	-	-	-	-	-	-	-	-	-	-
7,637 B.	Do.	-	-	-	0.737	8	3,132	-	-	-	-	-	-	-	-	-	-
7,637 C.	Do.	-	-	-	0.567	9	3,581	-	-	-	-	-	-	-	-	-	-
7,637 D.	Do.	-	-	-	-	-	3,640	-	-	-	6,008	6,608	139	10,080	136	10,080	202
7,638 A.	Do.	-	-	-	0.498	8	3,864	-	3,640	78	7,368	7,588	137	3,584	-	3,584	209
7,638 B.	Do.	-	-	-	0.673	7	3,864	-	3,864	77	8,314	8,314	136	10,080	-	10,080	202
7,638 C.	Do.	-	-	-	0.790	7	5,376	-	5,376	72	8,632	8,703	-	3,724	-	3,589	203
7,638 D.	Do.	-	-	-	0.706	4	6,440	-	6,384	73	8,632	-	-	3,995	-	-	-
7,638 E.	Do.	-	-	-	0.958	4	6,323	-	-	-	8,909	7,551	137	1,344	-	1,344	211
7,638 F.	Do.	-	-	-	-	-	4,844	-	5,012	75	7,765	-	-	1,344	-	-	-
7,638 G.	Do.	-	-	-	0.726	8	4,844	-	-	-	7,368	8,531	136	10,080	-	6,701	205
7,638 H.	Do.	-	-	-	0.898	5	5,992	-	6,448	73	8,909	7,784	137	10,080	-	10,080	202
7,638 I.	Do.	-	-	-	-	-	6,944	-	4,200	77	7,723	8,806	136	1,744	-	1,946	210
7,638 J.	Do.	-	-	-	0.715	8	4,143	-	4,746	76	8,400	8,022	137	2,128	-	2,146	-
7,638 K.	Do.	-	-	-	0.854	6	4,255	-	5,252	75	7,700	8,244	135	2,104	-	2,128	-
7,638 L.	Do.	-	-	-	0.884	5	4,816	-	6,354	76	8,400	9,508	135	2,128	-	4,480	207
7,638 M.	Do.	-	-	-	0.828	4	5,672	-	8,292	72	7,700	11,468	134	4,816	-	3,836	208
7,638 N.	Do.	-	-	-	1.091	2	7,784	-	-	-	10,668	6,811	139	3,936	-	5,471	206
7,638 O.	Do.	-	-	-	-	-	8,680	-	4,468	76	7,000	6,346	140	848	-	10,080	-
7,638 P.	Do.	-	-	-	0.689	8	4,284	-	3,500	78	6,683	6,346	140	10,080	-	2,128	210
7,638 Q.	Do.	-	-	-	0.604	9	4,284	-	8,360	-	6,421	5,301	141	1,568	-	-	-
7,638 R.	Do.	-	-	-	0.360	3	3,360	-	8,360	-	6,272	5,301	-	2,688	-	-	-
7,638 S.	Do.	-	-	-	0.969	3	3,021	-	-	-	5,301	-	-	-	-	-	-
7,638 T.	Do.	-	-	-	0.939	3	3,696	-	-	-	-	-	-	-	-	-	-

218



10,410 B.	Do.	6	4,144	2,912	79	4,732	90	4,732	145	6,608	205	219
10,415 A.	Khaboung	0-813	2,012	4,732	76	7,560	79	7,560	138	1,512	211	
10,416 A.	Toung-zalat	0-835	4,705	4,732	76	7,560	76	7,560	1,544	6,608	206	
10,416 B.	Do.	0-788	4,760	5,488	74	7,224	74	7,224	1,680	5,320	203	
10,417 A.	Piet-than	0-564	5,488	2,744	79	3,339	79	3,339	138	5,320	203	
10,419 A.	Tua-khoof-ma	0-780	2,800	2,688	75	5,124	75	5,124	141	10,080	209	
10,419 B.	Do.	0-780	5,088	5,320	75	8,437	75	8,437	136	3,173	209	
10,420 A.	Thian-day	0-392	5,672	2,184	80	3,137	80	3,137	143	10,080	202	
10,420 B.	Do.	0-392	2,312	2,184	80	2,576	80	2,576	143	10,080	202	
10,421 A.	Kyoung-douk	0-531	2,240	3,257	75	6,645	75	6,645	139	1,596	210	
10,422 A.	Thianat	0-767	2,128	3,257	75	6,645	75	6,645	139	1,596	210	
10,422 B.	Do.	0-767	3,416	2,408	79	3,976	79	3,976	142	7,056	205	
10,426 A.	Knyon Teak	0-544	2,940	2,408	79	3,976	79	3,976	142	7,056	205	
10,426 B.	Do.	0-544	2,128	2,408	79	3,976	79	3,976	142	7,056	205	
10,426 C.	Do.	0-544	2,688	2,408	79	3,976	79	3,976	142	7,056	205	
10,427 A.	Yemaneh	0-493	1,307	2,408	79	3,976	79	3,976	143	10,080	202	
10,429 A.	Do.	0-493	1,307	2,408	79	3,976	79	3,976	143	10,080	202	
10,429 B.	Momakha	0-461	2,408	2,408	79	3,976	79	3,976	143	10,080	202	
10,430 A.	Toumbein	0-461	2,613	2,408	79	3,976	79	3,976	143	10,080	202	
10,430 B.	Do.	0-461	3,248	2,408	79	3,976	79	3,976	143	10,080	202	
10,430 C.	Do.	0-817	3,248	2,408	79	3,976	79	3,976	143	10,080	202	
10,434 A.	Theetmin	0-581	5,152	2,324	80	3,124	80	3,124	131	7,760	208	
10,434 B.	Tinyooben	0-581	2,576	2,324	80	3,124	80	3,124	131	7,760	208	
10,435 A.	Do.	0-542	2,072	2,324	80	3,124	80	3,124	131	7,760	208	
10,435 B.	Do.	0-542	2,128	2,324	80	3,124	80	3,124	131	7,760	208	
10,438 A.	Nasiba	0-834	2,744	2,324	80	3,124	80	3,124	131	7,760	208	
10,438 B.	Do.	0-834	2,716	2,324	80	3,124	80	3,124	131	7,760	208	
10,438 C.	Do.	0-834	2,716	2,324	80	3,124	80	3,124	131	7,760	208	
10,440 A.	Banau	0-260	3,759	7,056	73	9,072	73	9,072	135	3,472	209	
10,440 B.	Do.	0-260	3,759	7,056	73	9,072	73	9,072	135	3,472	209	
10,445 A.	Deleop Tha	0-881	3,40	3,668	78	7,616	78	7,616	137	8,864	207	
10,445 B.	Do.	0-881	2,744	3,668	78	7,616	78	7,616	137	8,864	207	
10,475 A.	Mance Auka	0-771	4,392	8,248	73	8,512	73	8,512	137	3,845	206	
10,475 B.	Do.	0-771	3,248	8,248	73	8,512	73	8,512	137	3,845	206	
10,476 A.	Ngoo Tha	0-997	2,688	6,663	73	8,512	73	8,512	137	3,845	206	
10,476 B.	Do.	0-997	3,808	6,663	73	8,512	73	8,512	137	3,845	206	
10,476 C.	Do.	0-997	7,168	6,663	73	8,512	73	8,512	137	3,845	206	
10,477 A.	Kay Yoob	1-149	6,496	6,179	73	8,512	73	8,512	137	3,845	206	
10,477 B.	Do.	1-149	6,384	6,179	73	8,512	73	8,512	137	3,845	206	
10,477 C.	Do.	1-149	7,140	6,179	73	8,512	73	8,512	137	3,845	206	
10,478 A.	Nat Gyeec	0-537	4,284	5,726	74	8,612	74	8,612	136	5,189	206	
10,478 B.	Do.	0-537	4,284	5,726	74	8,612	74	8,612	136	5,189	206	
10,478 C.	Do.	0-537	7,112	5,726	74	8,612	74	8,612	136	5,189	206	
10,482 A.	Pung Tha	0-972	5,404	6,197	73	14,075	73	14,075	134	3,186	209	
10,482 B.	Do.	0-972	6,064	6,197	73	14,075	73	14,075	134	3,186	209	
10,485 A.	Padouk	0-972	6,064	6,197	73	14,075	73	14,075	134	3,186	209	
10,485 B.	Do.	0-972	6,486	6,197	73	14,075	73	14,075	134	3,186	209	

TABLE IX.—continued.

No. of Specimen.	Name.	Colony.	Table I.	Table II.	Table III.	Table IV.	Table V.	Table VI.	Table VII.	Table VIII.
			Specific Gravity.	Actual Breaking Weight.	Mean Breaking Weight.	Actual Direct Crushing Weight.	Mean Direct Crushing Weight.	Actual Transverse Crushing Weight.	Mean Transverse Crushing Weight.	Elasticity.
			Detailed Weights in 1900.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
10,150 C.	Padonk	East India	0.972	5,432	23	73	12,152	13,533	134	219
10,152 A.	Kad Ya	Do.	0.965	6,020	"	74	9,940	3,136	3,257	"
10,152 B.	Do.	Do.	"	5,644	"	"	9,759	3,136	3,360	"
10,161 C.	Zang'ecoot-doup	Do.	0.946	"	"	"	"	3,136	"	"
10,161 D.	Do.	Do.	"	"	"	"	9,244	3,856	3,804	"
1 A.	"	"	"	"	"	"	9,333	3,752	"	"
1 B.	"	Hungary	0.694	3,360	23	78	"	"	"	"
1 C.	"	Do.	"	3,528	"	"	"	"	"	"
1 D.	"	Do.	"	3,136	"	"	"	"	"	"
2 A.	"	Do.	0.804	3,864	"	78	"	"	"	"
2 B.	"	Do.	"	4,004	"	"	"	"	"	"
2 C.	"	Do.	"	4,480	"	"	"	"	"	"
2 D.	"	Do.	"	3,733	25	"	"	"	"	"
3 A.	"	Do.	"	4,816	"	"	"	"	"	"
3 B.	"	Do.	0.531	2,725	"	79	"	"	"	"
3 C.	"	Do.	"	2,100	"	"	"	"	"	"
3 D.	"	Do.	"	2,165	"	"	"	"	"	"
4 A.	"	Do.	0.673	2,660	"	78	"	"	"	"
4 B.	"	Do.	"	3,919	"	"	"	"	"	"
4 C.	"	Do.	"	3,164	"	"	"	"	"	"
4 D.	"	Do.	"	3,560	"	"	"	"	"	"
5 A.	"	Do.	"	3,024	"	"	"	"	"	"
5 B.	"	Do.	0.660	1,945	"	"	"	"	"	"
5 C.	"	Do.	"	1,316	"	"	"	"	"	"
5 D.	"	Do.	"	1,623	"	"	"	"	"	"
6 A.	"	Do.	0.663	2,240	"	79	"	"	"	"
6 B.	"	Do.	"	2,072	"	"	"	"	"	"
6 C.	"	Do.	"	3,080	"	"	"	"	"	"
6 D.	"	Do.	"	3,323	"	"	"	"	"	"
7 A.	"	Do.	0.661	3,836	"	78	"	"	"	"
7 B.	"	Do.	"	3,136	"	"	"	"	"	"
7 C.	"	Do.	"	3,108	"	"	"	"	"	"
7 D.	"	Do.	"	3,753	"	"	"	"	"	"

No Experiments.



TABLE IX.—continued.

No. of Specimen.	Name.	Colony.	Table I.		Table II.		Table III.		Table IV.		Table V.		Table VI.		Table VII.		Table VIII.	
			Specific Gravity.		Actual Breaking Weight.		Mean Breaking Weight.		Actual Direct Crushing Weight.		Mean Direct Crushing Weight.		Actual Transverse Crushing Weight.		Mean Transverse Crushing Weight.		Elasticity.	
			Distilled Water boiling 100°.	Page.	Lbs.	Page.	Lbs.	Page.	Lbs.	Page.	Lbs.	Page.	Lbs.	Page.	Lbs.	Page.		Page.
164 C.	Blood or Iron Wood	Jamaica	0.942	4	4,368	27	..	..	6,804	94	6,079	139	5,460	161	5,583	206	..	220
164 D.	Do.	Do.	..	..	4,200	..	..	..	6,562	..	7,611	137	10,080	..	6,202	206	..	..
165 A.	Red Wood	Do.	0.803	7	5,376	..	4,865	75	7,765	..	..	..	10,080	..	..	..	..	..
169 B.	Do.	Do.	..	..	4,480	..	..	..	7,798	..	..	..	10,080	..	..	..	..	..
169 C.	Do.	Do.	..	..	4,816	..	..	..	7,784	..	..	..	2,912	..	..	..	..	..
169 D.	Do.	Do.	..	..	4,788	..	..	..	7,168	..	..	..	1,736	..	..	..	..	..
180 A.	Jack Fruit	Do.	0.661	9	3,556	..	..	..	6,524	95	6,183	134	10,080	..	..	..	..	..
189 B.	Do.	Do.	..	..	3,612	..	..	..	6,516	..	..	..	10,080	..	..	..	..	..
189 C.	Do.	Do.	..	..	3,268	..	..	..	6,608	..	..	..	10,080	..	..	..	..	..
189 D.	Do.	Do.	..	..	3,080	..	..	..	6,066	..	..	..	10,080	..	..	..	..	..
201 A.	Red Candle Wood	Do.	1.026	3	7,720	..	6,991	73	9,408	..	8,979	135	3,808	..	3,646	208	..	..
201 B.	Do.	Do.	..	..	7,728	..	..	..	8,844	..	..	..	3,771	..	..	..	..	..
201 C.	Do.	Do.	..	..	6,524	..	..	..	8,473	..	..	..	3,360	..	..	..	..	..
201 D.	Do.	Do.	..	..	..	..	..	..	8,792	..	..	..	..	..	..	..	..	..
210 A.	Do.	Do.	0.940	4	4,872	..	..	..	7,812	..	8,148	137	3,808	..	4,396	207	..	..
210 B.	Do.	Do.	..	..	3,976	..	..	..	7,810	..	..	..	3,808	..	..	..	..	..
210 C.	Do.	Do.	..	..	5,301	..	..	..	13,508	..	..	..	3,808	..	..	..	..	..
212 A.	Jamaica Ebony	Do.	1.163	1	10,920	..	..	..	33,963	..	14,765	134	10,080	..	8,232	203	..	..
212 B.	Do.	Do.	..	..	9,100	..	..	..	10,528	..	..	..	6,384	..	..	..	..	..
216 A.	Dog Wood	Do.	1.170	1	7,756	..	7,840	72	10,528	..	11,470	134	7,280	..	8,446	..	..	..
216 B.	Do.	Do.	..	..	7,084	..	..	..	9,912	..	..	..	7,355	..	..	..	..	..
216 C.	Do.	Do.	..	..	9,128	..	..	..	13,272	..	..	..	9,968	..	..	..	..	..
216 D.	Do.	Do.	..	..	7,392	..	..	..	12,171	..	..	..	9,184	..	..	..	..	..
218 A.	Dog Wood	Do.	0.827	6	5,124	..	5,474	74	7,439	..	8,046	137	5,432	..	4,862	207	..	..
218 B.	Do.	Do.	..	..	5,821	..	..	..	8,661	..	..	..	4,293	..	..	..	..	..
223 A.	Brazilletto	Do.	1.067	2	8,982	..	8,176	72	12,245	..	12,369	134	4,306	161	4,620	..	220	..
223 B.	Do.	Do.	..	..	7,980	..	..	..	12,684	..	..	..	5,368	..	..	..	..	..
223 C.	Do.	Do.	..	..	7,392	..	..	..	12,283	..	..	..	4,306	..	..	..	..	..
223 D.	Do.	Do.	..	..	8,400	..	..	..	12,261	..	9,170	135	3,808	..	3,957	208	..	..
228 A.	Yellow Wood.	Do.	0.923	4	7,728	..	7,008	73	8,756	..	..	..	..	..	..	..	..	..
228 B.	Do.	Do.	..	..	6,408	..	..	..	9,604	..	4,134	132	4,107	..	6,044	204	..	261
236 A.	South American Acacia.	Do.	0.830	3	2,688	..	..	..	4,008	..	..	..	3,320	..	..	..	..	..

[illegible]



376 A.	Blood Red Wood	-	-	-	6	4,256	31	..	..	6,384	..	6,906	139	5,040	7,560	204	223
376 B.	Do.	-	-	-	9	4,760	31	..	..	7,329	..	..	..	10,080	..	..	..
378 A.	Fig Tree, Wild	-	-	-	6	2,688	..	..	..	..	..	6,892	139	4,480	6,860	204	..
384 A.	Black Mahogany	-	-	-	6	4,368	..	..	..	..	..	..	..	10,080	..	..	..
384 B.	Do.	-	-	-	..	4,480	..	..	..	..	..	..	..	2,900	..	..	..
384 C.	Do.	-	-	-	..	4,172	..	..	..	..	..	8,624	136	10,080	..	..	..
384 D.	Do.	-	-	-	4	6,160	..	..	..	8,624	..	..	..	..	..	..	..
407 A.	Star Apple	-	-	-	..	..	..	..	..	..	..	6,620	139	6,160	6,568	205	..
7 A.	Whismore	-	-	-	8	3,696	..	4,853	75	6,909	..	..	..	4,928	..	..	..
7 B.	Do.	-	-	-	..	4,001	..	..	..	7,616	..	..	..	8,512	..	..	..
7 C.	Do.	-	-	-	3	3,584	..	..	..	5,936	..	12,214	131	2,184	2,445	210	..
10 A.	Cedar	-	-	-	..	6,244	..	6,487	73	11,981	..	..	..	2,464	..	..	..
10 B.	Do.	-	-	-	..	6,160	..	..	..	11,836	..	..	..	2,688	..	..	..
10 C.	Do.	-	-	-	..	6,906	..	..	..	12,524	..	..	..	3,556	..	..	..
10 D.	Do.	-	-	-	4	7,808	..	7,429	72	10,612	..	10,585	134	2,044	2,787	209	..
11 A.	Do.	-	-	-	..	7,620	..	..	..	12,152	..	..	..	2,763	..	..	..
11 B.	Do.	-	-	-	..	7,000	..	..	..	9,266	..	7,327	139	10,080	5,898	205	..
11 C.	Burr Wood	-	-	-	7	3,696	..	4,235	77	7,653	..	..	..	1,314	..	..	..
15 A.	Do.	-	-	-	..	4,234	..	..	..	7,728	..	..	..	2,091	..	..	..
15 B.	Do.	-	-	-	..	4,200	..	..	..	7,476	..	..	..	10,080	..	..	..
15 C.	Do.	-	-	-	..	4,760	..	..	..	7,232	..	6,160	140	6,459	5,259	206	..
15 D.	Do.	-	-	-	..	3,192	..	3,448	78	6,160	..	6,510	139	2,824	2,188	210	..
16 A.	Cherry	-	-	-	7	3,472	..	..	..	6,384	..	..	..	2,053	..	..	..
16 B.	Do.	-	-	-	..	4,480	..	4,102	77	6,636	..	..	..	5,525	..	..	..
17 A.	Brimstone	-	-	-	7	3,724	..	8,260	72	9,483	..	..	..	3,012	..	..	..
17 B.	Do.	-	-	-	2	8,288	..	..	..	10,612	..	6,063	140	3,360	3,668	209	..
18 A.	Box Wood	-	-	-	..	8,288	..	..	..	6,048	..	..	..	2,716	..	..	..
18 B.	Do.	-	-	-	7	8,288	..	3,455	78	6,085	..	7,001	138	4,928	5,231	206	..
19 A.	Cedar	-	-	-	..	3,024	..	..	..	10,080	..	..	..	2,427	..	..	..
19 B.	Do.	-	-	-	..	3,584	..	3,420	78	8,331	..	..	..	3,108	..	..	..
19 C.	Do.	-	-	-	..	6,092	..	..	..	1,172	..	5,954	140	10,080	7,326	204	..
20 A.	Iron Wood	-	-	-	..	6,101	..	..	..	6,160	..	..	..	10,080	..	..	..
20 B.	Do.	-	-	-	9	2,968	..	..	..	5,488	..	..	..	10,080	..	..	..
20 C.	Do.	-	-	-	..	2,296	..	..	..	6,123	..	..	..	1,004	..	..	..
20 A.	Do.	-	-	-	..	2,856	..	..	..	6,048	..	..	..	..	..	..	..
20 B.	Do.	-	-	-	..	2,800	..	..	..	8,820	..	8,145	137	..	3,624	209	..
20 C.	Do.	-	-	-	7	4,340	..	4,983	75	8,220	..	..	..	3,276	..	..	..
20 D.	Do.	-	-	-	..	4,424	..	..	..	7,728	..	..	..	3,192	..	..	..
21 A.	Black Oak	-	-	-	..	4,254	..	..	..	8,932	..	..	..	2,604	..	..	..
21 B.	Do.	-	-	-	..	4,032	..	..	..	7,803	..	..	..	10,080	10,080	202	..
21 C.	Do.	-	-	-	..	3,610	..	3,887	77	6,055	..	6,016	140	..	..	..	..
21 D.	Do.	-	-	-	9	3,528	..	..	..	..	..	..	..	..	..	..	..
22 A.	Malogany	-	-	-	..	3,136	..	..	..	..	..	..	..	..	..	..	..
22 B.	Do.	-	-	-	..	3,472	..	..	..	..	..	..	..	..	..	..	..
22 C.	Do.	-	-	-	..	..	..	..	..	..	..	..	..	..	..	..	..
22 D.	Do.	-	-	-	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE IX.—continued.

No. of specimen.	Name.	Colony.	Table I.		Table II.		Table III.		Table IV.		Table V.		Table VI.		Table VII.		Table VIII.	
			Specific Gravity.	Distilled Water boiling 100°.	lbs.	Page.	lbs.	Page.	Actual Breaking Weight.	lbs.	Page.	Mean Direct Crushing Weight.	lbs.	Page.	Actual Transverse Crushing Weight.	lbs.	Page.	Elasticity.
58 A.	Mahorany -	- Liberia -	-	0.884	4,928	31	..	..	7,788	99	137	8,064	108	108	2,912	205	223	..
58 B.	Do.	Do.	-	"	5,152	32	..	..	8,400	100	..	..	10,080	206	10,080	..	224	..
1 A.	Bogum Bogum	- New South Wales (North).	-	0.884	2,912	23	3,374	78	4,898	100	141	5,656	207	207	2,744	209	..	..
1 B.	Do.	- Do.	-	"	3,836	..	4,732	76	4,704	..	137	7,911	108	108	3,640	208	..	..
3 A.	Georic	- Do.	-	0.866	4,460	30	..	..	7,840	101	..	..	4,032	209	4,032	..	..	..
3 B.	Do.	- Do.	-	"	5,040	31	..	..	8,303	102	..	..	2,726	210	2,726	..	..	..
3 C.	Do.	- Do.	-	"	4,676	32	..	..	7,533	103	..	..	1,400	211	1,400	..	..	..
4 A.	-	- Do.	-	0.742	4,032	33	..	..	5,248	104	..	..	2,688	212	2,688	..	..	..
4 B.	-	- Do.	-	"	4,174	34	..	..	6,776	105	..	..	4,779	213	4,779	..	..	..
5 A.	Bush Bastard, or White Box.	- Do.	-	1.065	5,992	35	5,774	74	8,363	106	138	7,511	108	108	4,704	207	..	..
5 B.	Do.	- Do.	-	"	5,432	36	..	..	7,504	107	..	..	4,144	208	4,144	..	..	..
5 C.	Do.	- Do.	-	"	5,096	37	..	..	6,656	108	..	..	5,186	209	5,186	..	..	..
5 D.	Do.	- Do.	-	"	5,316	38	..	..	7,541	109	..	..	3,820	210	3,820	..	..	..
6 A.	Red Box	- Do.	-	0.803	3,068	39	4,007	77	5,096	110	142	5,082	108	108	5,119	206	..	..
6 B.	Do.	- Do.	-	"	3,732	40	..	..	4,480	111	..	..	10,080	211	10,080	..	..	..
6 C.	Do.	- Do.	-	"	4,228	41	..	..	5,264	112	..	..	2,744	212	2,744	..	..	..
6 D.	Do.	- Do.	-	"	3,040	42	..	..	5,488	113	..	..	3,783	213	3,783	..	..	..
7 A.	Burama	- Do.	-	0.860	3,080	43	3,450	78	4,816	114	..	4,788	108	108	10,080	202	..	..
7 B.	Do.	- Do.	-	"	3,192	44	..	..	4,760	115	..	..	4,406	203	4,406	..	..	..
10 A.	Box of Ilawarra	- Do.	-	0.777	4,080	45	3,960	77	4,864	116	141	5,250	108	108	4,904	206	..	..
10 B.	Do.	- Do.	-	"	3,920	46	..	..	5,316	117	..	..	5,404	207	5,404	..	..	..
12 B.	Gouphum	- Do.	-	1.187	2,852	47	2,372	80	5,992	118	140	5,992	108	108	4,312	207	..	..
13 A.	Wahid	- Do.	-	0.969	6,076	48	..	..	8,848	119	136	8,386	108	108	4,144	207	..	..
13 B.	Do.	- Do.	-	"	6,168	49	..	..	7,124	120	..	..	5,040	208	5,040	..	..	..
14 A.	-	- Do.	-	0.845	5,320	50	5,208	75	7,336	121	137	7,962	108	108	4,424	208	..	..
14 B.	-	- Do.	-	"	5,096	51	..	..	8,508	122	..	..	4,406	209	4,406	..	..	..
15 A.	Moreton Bay Pine	- Do.	-	0.482	2,912	52	..	..	..	123	..	..	..	204	..	..	..	..
15 B.	Do.	- Do.	-	"	2,464	53	..	..	..	124	..	..	..	205	..	..	..	..
15 C.	Do.	- Do.	-	"	1,904	54	..	..	..	125	..	..	..	206	..	..	..	..
15 D.	Do.	- Do.	-	"	2,576	55	..	..	..	126	..	..	..	207	..	..	..	..
17 A.	-	- Do.	-	0.715	3,640	56	3,946	77	5,298	127	141	5,334	108	108	7,317	204	..	..

17 A.	Cherry	Do.	-	0.578	9	4,256	3,052	79	5,376	4,592	142	8,927	10,080	202	10,080	202	225
19 B.	Do.	Do.	-	0.561	5	3,192	5,824	74	4,424	6,832	138	5,336	4,684	207	4,684	207	
21 A.	Woodruff	Do.	-	0.556	9	6,048	2,404	79	7,616	4,200	142	5,876	7,678	204	7,678	204	
22 A.	Do.	Do.	-	-	9	2,240	-	-	4,032	-	-	7,579	-	-	-	-	
22 B.	Do.	Do.	-	-	9	2,492	-	-	-	-	-	-	-	-	-	-	
22 C.	Do.	Do.	-	-	9	2,576	-	-	-	-	-	-	-	-	-	-	
22 D.	Do.	Do.	-	-	8	4,256	3,913	77	6,020	3,976	141	10,080	3,504	208	3,504	208	
23 A.	Do.	Do.	-	0.785	8	3,920	-	-	5,056	4,256	-	4,256	-	-	-	-	
23 B.	Do.	Do.	-	-	8	3,920	-	-	5,056	4,256	-	5,320	-	-	-	-	
23 C.	Do.	Do.	-	-	8	3,920	-	-	5,056	4,256	-	5,320	-	-	-	-	
23 D.	Do.	Do.	-	-	7	3,536	5,215	75	7,252	5,430	138	7,427	5,072	206	5,072	206	
24 A.	Ash, Beech, and Flindersia.	Do.	-	0.740	7	3,496	-	-	-	-	-	4,932	-	-	-	-	
24 B.	Do.	Do.	-	-	7	3,516	-	-	7,808	6,720	-	10,080	-	-	-	-	
24 C.	Do.	Do.	-	-	7	4,308	-	-	7,000	6,720	-	2,912	-	-	-	-	
24 D.	Do.	Do.	-	0.614	9	3,488	3,896	78	5,152	5,189	142	3,432	7,547	204	7,547	204	
25 A.	Do.	Do.	-	-	9	3,248	-	-	5,318	-	-	10,080	-	-	-	-	
25 B.	Do.	Do.	-	-	9	3,192	-	-	4,853	-	-	7,131	-	-	-	-	
25 C.	Do.	Do.	-	-	9	3,108	-	-	5,404	-	-	-	-	-	-	-	
25 D.	Do.	Do.	-	0.755	7	2,800	4,508	76	5,600	5,740	140	10,080	8,232	203	8,232	203	
26 A.	Cherry of the Clar- ence.	Do.	-	-	-	4,480	-	-	5,880	5,857	141	6,884	-	-	-	-	
26 B.	Do.	Do.	-	0.754	9	4,480	4,069	77	5,152	5,360	141	3,360	2,182	210	2,182	210	
27 A.	Native Tamarind	Do.	-	-	9	3,808	-	-	5,432	-	-	1,453	-	-	-	-	
27 B.	Do.	Do.	-	-	9	3,920	-	-	5,488	-	-	2,632	-	-	-	-	
27 C.	Do.	Do.	-	0.982	8	6,944	6,972	73	7,280	8,818	135	4,256	4,251	207	4,251	207	
28 A.	Native Plum	Do.	-	-	8	6,412	-	-	10,192	8,736	-	5,328	-	-	-	-	
28 B.	Do.	Do.	-	-	8	6,508	-	-	8,736	-	-	3,024	-	-	-	-	
28 C.	Do.	Do.	-	-	8	7,280	-	-	9,184	-	-	4,396	-	-	-	-	
28 D.	Do.	Do.	-	0.507	10	7,280	2,590	79	4,536	4,858	142	4,924	9,352	203	9,352	203	
33 A.	Do.	Do.	-	-	5	2,348	-	-	6,180	-	-	10,080	-	-	-	-	
33 B.	Do.	Do.	-	0.896	5	2,632	6,297	73	8,128	8,106	137	4,256	1,088	208	1,088	208	
33 C.	Do.	Do.	-	-	5	3,214	-	-	7,784	-	-	3,920	-	-	-	-	
33 D.	Do.	Do.	-	1.006	3	6,184	7,028	73	7,728	8,288	136	5,115	4,822	207	4,822	207	
34 A.	Uroobie	Do.	-	-	3	7,158	-	-	8,736	-	-	3,920	-	-	-	-	
34 B.	Do.	Do.	-	-	3	7,158	-	-	8,736	-	-	3,920	-	-	-	-	
34 C.	Do.	Do.	-	-	3	7,158	-	-	8,736	-	-	3,920	-	-	-	-	
34 D.	Do.	Do.	-	-	3	7,158	-	-	8,736	-	-	3,920	-	-	-	-	
35 A.	Do.	Do.	-	0.917	1	4,900	5,711	74	6,608	7,448	138	5,115	6,440	205	6,440	205	
35 B.	Do.	Do.	-	-	1	4,900	-	-	6,608	-	-	5,432	-	-	-	-	
35 C.	Do.	Do.	-	-	1	4,900	-	-	6,608	-	-	5,432	-	-	-	-	
35 D.	Do.	Do.	-	0.765	7	4,384	4,988	77	8,288	5,922	140	6,608	4,676	207	4,676	207	
36 A.	Native Orange	Do.	-	-	7	3,696	-	-	4,076	-	-	6,272	-	-	-	-	
36 B.	Do.	Do.	-	-	7	3,696	-	-	4,076	-	-	6,272	-	-	-	-	
36 C.	Do.	Do.	-	0.674	8	3,640	4,466	76	5,376	5,488	141	6,882	6,524	205	6,524	205	
36 D.	Do.	Do.	-	-	8	3,640	-	-	5,376	-	-	6,882	-	-	-	-	
36 E.	Do.	Do.	-	-	8	3,640	-	-	5,376	-	-	6,882	-	-	-	-	

TABLE IX. — continued.

No. of Specimen.	Name.	Colony.	Table I.	Table II.	Table III.	Table IV.	Table V.	Table VI.	Table VII.	Table VIII.	
			Specific Gravity.	Actual Breaking Weight.	Mean Breaking Weight.	Actual Direct Crushing Weight.	Mean Direct Crushing Weight.	Actual Trans- verse Crushing Weight.	Mean Trans- verse Crushing Weight.	Elasticity.	
			Dissolved Water be- ing 1'000.	Lbs.	Page.	Lbs.	Page.	Lbs.	Page.	Lbs.	Page.
47 A.	Rosewood	New South Wales (North).	0.840	4,480	53	7,738	102	7,659	137	2,520	168
47 B.	Do.	Do.	"	5,990	"	7,690	"	"	"	7,723	"
47 C.	Do.	Do.	"	4,200	"	"	"	"	"	5,320	"
47 D.	Do.	Do.	"	5,208	"	7,691	"	"	"	10,080	"
51 A.	Peel Cedar	Do.	0.792	1,180	55	6,944	"	6,551	"	2,353	210
51 B.	Do.	Do.	"	4,546	"	6,692	"	"	"	"	"
51 C.	Do.	Do.	"	3,808	"	6,920	"	"	"	"	"
51 D.	Do.	Do.	"	6,192	"	6,160	"	"	"	1,012	"
53 A.	Do.	Do.	0.835	2,541	"	7,684	"	6,962	"	3,301	205
53 B.	Do.	Do.	"	2,710	"	6,720	"	"	"	10,080	"
53 C.	Do.	Do.	"	3,836	"	7,352	"	8,402	"	7,577	"
54 A.	Do.	Do.	0.889	5,320	"	8,232	"	"	"	7,315	"
54 B.	Do.	Do.	"	6,384	"	8,176	"	8,519	"	4,490	207
60 A.	Hickory, Vite.	Lignum	0.854	7,153	"	"	"	"	"	"	"
60 B.	Do.	Do.	"	7,168	"	8,848	"	"	"	1,005	"
61 A.	Flindosa	Do.	0.743	5,832	"	7,132	"	6,901	"	6,092	205
61 B.	Do.	Do.	"	4,984	"	6,720	"	"	"	3,584	"
61 C.	Do.	Do.	"	5,040	"	6,666	"	"	"	8,706	"
61 D.	Do.	Do.	"	5,292	"	7,157	"	"	"	5,572	"
63 A.	Flintamendosa	Do.	0.856	7,504	"	11,098	"	10,218	"	3,621	208
63 B.	Do.	Do.	"	6,440	"	11,098	"	"	"	3,621	"
64 A.	Tea Tree	Do.	1.058	4,844	"	3,618	"	7,168	"	3,192	209
64 B.	Do.	Do.	"	5,182	"	6,356	"	"	"	3,618	"
65 A.	Enstard Myall	Do.	0.871	5,000	"	7,352	"	7,531	"	1,680	210
65 B.	Do.	Do.	"	5,000	"	6,692	"	"	"	2,356	"
66 B.	Do.	Do.	0.859	6,204	"	8,193	"	8,932	"	1,143	206
67 A.	Do.	Do.	"	5,722	"	8,193	"	"	"	6,720	"
67 B.	Do.	Do.	"	2,240	"	3,116	"	3,976	"	1,476	207
68 A.	Do.	Do.	0.865	5,046	"	7,131	"	6,729	"	10,080	"
69 A.	Do.	Do.	0.784	1,152	"	6,928	"	"	"	3,103	"
69 B.	Do.	Do.	"	6,892	"	7,321	"	7,296	"	7,011	201
71 A.	Swamp Oak	Do.	1.022	6,555	"	7,728	"	7,826	"	4,620	207
71 B.	Do.	Do.	"	6,555	"	7,728	"	"	"	"	"

74 A.	White Myrtle	Do.	0.982	3	7,112	6,800	73	8,400	103	8,200	133	5,301	5,772	205
74 B.	Do.	Do.	"	"	6,608	"	72	8,120	"	12,264	134	4,928	5,002	206
77 A.	Iron Bark of the Clarence.	Do.	1.167	1	7,840	"	"	12,320	"	"	"	"	"	"
77 B.	Do.	Do.	"	"	8,982	"	73	12,208	"	9,212	135	5,077	5,740	205
84 A.	Marblewood	Do.	0.963	5	7,280	7,154	"	8,904	"	8,698	136	5,376	6,720	201
84 B.	Do.	Do.	"	"	7,028	6,570	"	8,624	"	"	170	6,944	4,830	206
88 A.	Do.	Do.	0.982	3	6,356	"	"	8,652	"	8,792	"	4,368	"	"
88 B.	Do.	Do.	"	"	6,384	7,423	"	8,960	"	"	"	5,292	"	"
89 A.	Do.	Do.	0.905	5	6,191	"	"	8,621	"	5,880	140	10,080	10,080	202
89 B.	Do.	Do.	"	"	7,001	"	78	8,514	"	"	"	"	"	"
93 A.	Do.	Do.	0.671	8	3,649	3,500	"	7,510	"	7,949	137	"	8,540	203
93 B.	Do.	Do.	"	"	3,360	4,965	75	7,803	"	"	"	"	"	"
102 A.	Do.	Do.	0.958	4	4,900	"	"	8,314	"	"	"	3,920	"	"
102 B.	Do.	Do.	"	"	4,984	"	72	7,812	"	9,127	135	10,080	3,398	209
102 C.	Do.	Do.	"	"	4,312	"	"	8,960	"	"	"	3,632	"	"
102 D.	Do.	Do.	"	"	"	7,182	76	8,235	"	6,478	139	4,424	4,158	208
103 A.	Do.	Do.	0.996	3	7,196	4,816	"	6,804	"	7,149	138	3,492	4,774	207
103 B.	Do.	Do.	"	"	7,168	"	77	6,720	"	10,024	135	4,004	4,106	208
104 A.	Do.	Do.	0.715	8	4,704	3,976	72	7,579	101	"	"	4,032	5,525	206
104 B.	Do.	Do.	"	"	4,928	7,224	"	9,808	"	6,944	139	5,488	7,135	204
105 A.	Do.	Do.	0.687	"	4,256	"	77	8,354	"	6,804	"	5,432	"	"
105 B.	Do.	Do.	"	"	3,696	"	74	8,400	"	6,854	"	6,854	"	"
106 A.	Do.	Do.	0.783	7	4,200	5,605	"	6,180	"	6,884	"	8,621	"	"
106 B.	Do.	Do.	"	"	3,780	87	"	6,272	"	6,468	"	8,101	"	"
109 E.	Do.	Do.	0.668	4	5,040	"	"	7,308	"	3,472	143	4,872	"	"
111 A.	Do.	Do.	"	"	5,124	"	"	3,472	"	5,264	141	8,928	"	"
111 B.	Do.	Do.	"	"	5,012	"	"	8,960	"	8,232	136	7,360	"	"
111 C.	Do.	Do.	"	"	4,872	"	"	7,504	"	5,980	110	10,080	10,080	202
111 D.	Do.	Do.	0.935	"	"	41	"	5,912	"	3,519	143	4,144	7,973	203
137 A.	Do.	Do.	"	"	5,376	"	"	3,301	"	3,640	"	7,588	"	"
137 B.	Do.	Do.	0.571	"	"	2,576	79	8,196	"	"	"	"	"	"
139 A.	Do.	Do.	"	"	"	"	"	"	"	"	"	"	"	"
140 A.	Do.	Do.	0.660	"	3,136	43	78	5,152	"	5,264	141	8,928	9,501	203
140 B.	Do.	Do.	"	"	3,808	3,472	"	8,960	"	8,232	136	7,360	7,140	204
154 A.	Do.	Do.	0.321	6	5,264	4,886	"	7,504	"	5,980	110	10,080	10,080	202
154 B.	Do.	Do.	"	"	4,508	4,984	"	5,912	"	3,519	143	4,144	7,973	203
154 C.	Do.	Do.	0.752	7	4,648	"	"	6,048	"	3,519	143	4,144	7,973	203
155 A.	Do.	Do.	"	"	5,320	2,380	79	3,301	"	3,640	"	7,588	"	"
155 B.	Do.	Do.	0.869	6	2,240	"	"	8,196	"	"	"	"	"	"
171 A.	Do.	Do.	"	"	"	"	"	"	"	"	"	"	"	"
171 B.	Do.	Do.	"	"	"	"	"	"	"	"	"	"	"	"
171 C.	Do.	Do.	"	"	"	"	"	"	"	"	"	"	"	"

New South Wales (South).

TABLE IX.—continued.

[illegible]

84 B.	Do.	-	-	3	6,720	3	6,066	74	8,176	28	8,288	136	5,600	29	6,412	31	205	33
105 A.	River Oak.	-	Do.	-	6,552	-	-	-	9,286	-	-	-	6,552	25	-	-	-	35
105 B.	Do.	-	Do.	-	5,460	-	-	-	7,280	35	5,810	141	6,272	35	10,080	22	202	35
108 A.	Beech Brush Cherry	-	Do.	6	3,360	-	3,789	77	5,880	-	-	-	10,080	35	-	-	-	35
108 B.	Do.	-	Do.	-	3,528	-	-	-	5,740	-	-	-	-	35	-	-	-	35
120 A.	Yak Wood	-	Do.	9	1,456	-	2,254	80	4,816	-	4,536	112	7,504	35	8,386	22	203	35
120 B.	Do.	-	Do.	-	3,032	-	-	-	1,256	-	-	-	9,268	35	-	-	-	35
125 A.	Maiden's Blush	-	Do.	-	2,184	-	2,659	79	3,340	-	3,769	29	10,080	35	10,080	22	202	35
125 B.	Do.	-	Do.	-	2,576	-	-	-	3,696	-	-	-	-	35	-	-	-	35
125 C.	Do.	-	Do.	-	3,080	-	-	-	1,008	-	-	-	-	35	-	-	-	35
125 D.	Do.	-	Do.	-	2,576	-	-	-	4,032	-	-	-	-	35	-	-	-	35
127 A.	Tamarind Tree	-	Do.	8	3,808	-	3,808	77	6,468	-	6,468	133	6,720	35	6,720	22	204	35
135 A.	White Myrtle, Blue	-	Do.	-	2,576	-	3,379	78	-	-	4,453	142	6,272	35	-	-	-	35
135 B.	Ash.	-	Do.	-	3,360	-	-	-	4,256	-	-	-	5,824	35	-	-	-	35
136 C.	Do.	-	Do.	-	3,370	-	-	-	4,340	-	-	-	7,804	35	-	-	-	35
136 D.	Do.	-	Do.	-	3,080	-	-	-	4,704	-	-	-	-	35	-	-	-	35
46 A.	Stringy Bark of Coast.	-	Do.	4	6,552	39	6,384	73	9,296	107	9,293	135	10,080	174	10,080	202	229	35
46 B.	Do.	-	Do.	-	6,884	-	-	-	8,960	-	-	-	-	35	-	-	-	35
46 C.	Do.	-	Do.	-	5,880	-	-	-	9,464	-	-	-	-	35	-	-	-	35
46 D.	Do.	-	Do.	-	6,720	-	-	-	9,212	-	-	-	-	35	-	-	-	35
47 A.	Stringy Bark, Appin	-	Do.	5	7,000	41	6,860	-	9,332	108	8,708	136	2,968	35	2,968	209	-	35
47 B.	Do.	-	Do.	-	6,720	-	-	-	8,792	-	-	-	-	35	-	-	-	35
47 C.	Do.	-	Do.	-	-	-	-	-	8,456	-	-	-	-	35	-	-	-	35
47 D.	Do.	-	Do.	-	-	-	-	-	8,232	-	-	-	-	35	-	-	-	35
48 A.	Stringy Bark, Cam- den.	-	Do.	3	5,936	-	6,209	75	8,792	-	8,547	35	10,080	35	4,410	207	-	35
48 B.	Do.	-	Do.	-	6,244	-	-	-	8,288	-	-	-	2,408	35	-	-	-	35
48 C.	Do.	-	Do.	-	6,572	-	-	-	8,960	-	-	-	2,488	35	-	-	-	35
48 D.	Do.	-	Do.	-	6,384	-	-	-	8,148	-	-	-	2,464	35	-	-	-	35
49 A.	Stringy Bark, Ber- rington.	-	Do.	4	5,600	-	5,428	71	7,532	35	7,532	138	10,080	35	10,080	202	-	35
49 B.	Do.	-	Do.	-	5,208	-	-	-	7,728	-	-	-	-	35	-	-	-	35
49 C.	Do.	-	Do.	-	5,768	-	-	-	7,812	-	-	-	-	35	-	-	-	35
49 D.	Do.	-	Do.	-	5,124	-	-	-	7,019	-	-	-	-	35	-	-	-	35
52 A.	Apple Tree of Coast.	-	Do.	6	4,760	-	4,202	77	7,168	-	-	-	2,464	35	4,200	208	-	35
52 B.	Do.	-	Do.	-	3,528	-	-	-	7,280	-	-	-	-	35	-	-	-	35
52 C.	Do.	-	Do.	-	4,180	-	-	-	6,757	-	-	-	-	35	-	-	-	35
52 D.	Do.	-	Do.	-	4,000	-	-	-	7,224	-	-	-	1,848	35	-	-	-	35
53 A.	Apple Tree	-	Do.	5	2,800	-	3,264	78	4,480	-	5,161	142	10,080	35	10,080	202	-	35
53 B.	Do.	-	Do.	-	2,856	-	-	-	5,096	-	-	-	-	35	-	-	-	35
53 C.	Do.	-	Do.	-	3,192	-	-	-	6,440	-	-	-	-	35	-	-	-	35
53 D.	Do.	-	Do.	-	3,024	-	-	-	6,628	-	-	-	-	35	-	-	-	35





TABLE IX.—continued.

No. of Specimen.	Name.	Colony.	Table I.		Table II.		Table III.		Table IV.		Table V.		Table VI.		Table VII.		Table VIII.	
			Specific Gravity.	Page.	Actual Breaking Weight.	lbs.	Page.	Mean Breaking Weight.	lbs.	Page.	Mean Direct Crushing Weight.	lbs.	Actual Transverse Crushing Weight.	lbs.	Page.	Mean Transverse Crushing Weight.	lbs.	Elasticity.
12 A.	Three or Yellow Box of Camden.	New South Wales (South).	1.068	2	3,808	37	3,472	78	6,664	105	6,259	140	3,920	171	7,560	201	..	228
12 B.	Do.	Do.	"	"	3,192	"	"	"	6,216	"	"	"	4,256	172	"	"	"	"
12 C.	Do.	Do.	"	"	3,416	"	"	"	6,899	"	"	"	6,944	"	"	"	"	"
13 A.	Bastard Box	Do.	1.143	"	9,408	"	8,757	72	11,200	"	11,221	134	3,920	"	4,538	207	"	"
13 B.	Do.	Do.	"	"	8,100	"	"	"	10,724	"	"	"	4,720	"	"	"	"	"
13 C.	Do.	Do.	"	"	8,372	"	"	"	10,861	"	"	"	3,854	"	"	"	"	"
13 D.	Do.	Do.	"	"	8,448	"	"	"	12,096	"	"	"	3,459	"	"	"	"	"
13 AC.	Do.	Do.	"	"	"	"	"	"	11,536	"	11,144	134	3,192	"	"	"	"	"
13 AD.	Do.	Do.	"	"	"	"	"	"	10,752	"	"	"	4,368	"	3,780	208	"	"
14 A.	Bastard Box	Do.	1.083	"	8,576	"	"	"	10,080	"	9,655	135	2,884	"	2,989	209	"	"
14 B.	Do.	Do.	"	"	7,336	"	"	"	8,738	"	"	"	3,024	"	"	"	"	"
14 C.	Do.	Do.	"	"	6,216	"	"	"	9,800	"	"	"	2,716	"	"	"	"	"
14 D.	Do.	Do.	"	"	7,280	"	"	"	10,005	"	"	"	3,332	"	"	"	"	"
15 A.	Box	Do.	1.065	"	4,480	"	5,501	74	6,196	"	7,012	139	3,976	"	4,684	207	"	"
15 B.	Do.	Do.	"	"	5,600	"	"	"	7,448	"	"	"	4,480	"	"	"	"	"
15 C.	Do.	Do.	"	"	5,432	"	"	"	7,003	"	"	"	11,080	"	"	"	"	"
16 A.	Floodie Gum	Do.	1.050	"	4,256	"	4,681	76	6,140	"	6,140	140	7,810	"	7,810	203	"	"
17 A.	Ditackai Courroo	Do.	1.120	"	7,728	"	7,728	72	10,980	106	9,682	135	3,724	"	4,537	207	"	"
17 B.	Do.	Do.	"	39	"	"	"	"	8,960	"	"	"	5,600	"	"	"	"	"
114 A.	Brush Iron Bark	Do.	0.982	37	4,256	"	4,943	73	7,000	104	6,632	139	2,352	"	2,620	210	"	226
114 B.	Do.	Do.	"	"	4,732	"	"	"	6,244	"	"	"	2,688	"	"	"	"	"
1 A.	White or Pale Iron Bark	New South Wales (South).	1.204	1	9,912	"	11,158	72	12,320	104	13,349	134	5,656	170	5,243	206	"	"
1 B.	Do.	Do.	"	"	11,648	"	"	"	14,366	"	"	"	5,292	"	"	"	"	"
1 C.	Do.	Do.	"	"	10,080	"	"	"	13,384	"	"	"	5,488	"	"	"	"	"
1 D.	Do.	Do.	"	"	9,967	"	"	"	13,328	"	"	"	4,536	"	"	"	"	"
2 A.	White Iron Bark	Do.	1.178	1	8,024	"	8,316	"	10,624	"	10,382	"	5,292	"	4,746	207	"	"
2 B.	Do.	Do.	"	"	7,784	"	"	"	10,640	"	"	"	4,200	"	"	"	"	"
2 C.	Do.	Do.	"	"	8,540	"	"	"	"	"	"	"	"	"	"	"	"	"
3 A.	Iron Bark	Do.	1.192	"	6,832	"	8,103	"	"	"	10,610	"	4,144	"	7,252	204	"	"
3 B.	Do.	Do.	"	"	8,204	"	"	"	"	"	"	"	4,264	"	"	"	"	"
3 C.	Do.	Do.	"	"	7,812	"	"	"	"	"	"	"	5,096	"	"	"	"	"

4 A.	Broad-leaved Rough Iron Bark.	Do.	-	1 148	7,112	7,651	9,856	9,401	185	3,808	3,923	208	39
4 B.	Do.	Do.	-	"	7,560	"	8,988	"	"	"	"	"	39
4 C.	Do.	Do.	-	"	8,316	"	9,352	"	"	4,928	"	"	39
4 D.	Do.	Do.	-	"	7,616	"	9,408	"	"	3,118	"	"	39
5 A.	Iron Bark	Do.	-	"	8,732	8,442	10,364	10,458	134	10,080	6,889	204	39
5 B.	Do.	Do.	-	"	8,490	"	10,304	"	"	4,480	"	"	39
5 C.	Do.	Do.	-	"	7,840	"	10,080	"	"	7,840	"	"	39
5 D.	Do.	Do.	-	"	8,736	"	10,584	"	"	4,856	"	"	39
7 A.	Narrow - leaved Smooth or Red Iron Bark.	Do.	-	1 187	7,364	8,804	10,565	105	9,860	3,860	3,724	208	39
7 B.	Do.	Do.	-	"	"	"	10,416	"	"	3,640	"	"	39
7 C.	Do.	Do.	-	"	6,244	"	9,520	"	"	4,816	"	"	39
8 A.	Narrow-leaved Iron Bark.	Do.	-	1 124	7,952	7,826	9,940	10,458	134	"	3,458	209	39
8 B.	Do.	Do.	-	"	7,858	"	10,108	"	"	"	"	"	39
1 A.	Bunya Bunya	Queensland	-	0 513	2,896	"	"	"	"	"	"	"	230
1 B.	Do.	Do.	-	"	3,052	"	"	"	"	"	"	"	39
1 Aa.	Do.	Do.	-	"	2,660	"	"	"	"	"	"	"	39
1 Ab.	Do.	Do.	-	"	2,800	"	"	"	"	"	"	"	39
2 A.	Moreton Bay Pine	Do.	-	0 465	2,240	"	"	"	"	"	"	"	39
2 B.	Do.	Do.	-	"	2,184	"	"	"	"	"	"	"	39
2 Aa.	Do.	Do.	-	"	2,427	"	"	"	"	"	"	"	39
2 Ab.	Do.	Do.	-	"	3,360	"	"	"	"	"	"	"	39
4 A.	Cypress Pine	Do.	-	0 935	2,240	2,464	4,816	4,816	142	9,744	9,744	203	39
5 A.	Sho Pine	Do.	-	0 600	3,054	2,996	4,792	4,676	"	10,080	10,080	202	39
5 B.	Do.	Do.	-	"	3,090	"	4,620	5,208	"	"	"	"	39
5 Aa.	Do.	Do.	-	"	3,248	"	5,068	"	"	"	"	"	39
5 Ab.	Do.	Do.	-	"	2,632	"	5,068	"	"	"	"	"	39
6 A.	Forest Oak	Do.	-	1 090	6,730	5,047	7,504	8,064	137	3,920	6,916	204	39
6 B.	Do.	Do.	-	"	5,460	"	5,880	6,390	140	6,272	6,272	205	39
6 Aa.	Do.	Do.	-	"	3,864	"	6,720	"	"	"	"	"	39
6 Ab.	Do.	Do.	-	"	4,114	"	6,720	"	"	"	"	"	39
7 A.	River Oak	Do.	-	0 832	2,800	2,984	5,544	5,544	141	1,568	1,568	210	39
8 A.	Shingle Oak	Do.	-	0 781	2,632	2,884	5,227	5,491	142	5,336	6,560	205	39
8 B.	Do.	Do.	-	"	2,744	"	4,816	"	"	7,784	"	"	39
8 Aa.	Do.	Do.	-	"	3,192	"	4,340	4,186	"	"	"	"	39
8 Ab.	Do.	Do.	-	"	2,968	"	4,032	"	"	10,080	"	"	39
9 A.	Swamp Oak	Do.	-	1 240	5,832	5,796	74	9,988	135	9,212	7,406	204	39
9 B.	Do.	Do.	-	"	5,740	"	8,820	"	"	5,600	"	"	39
10 A.	Red Cedar	Do.	-	0 599	2,520	2,072	3,218	3,472	132	10,080	9,968	203	39
10 B.	Do.	Do.	-	"	1,120	"	3,696	"	"	9,856	"	"	39
10 Aa.	Do.	Do.	-	"	2,296	"	3,724	3,430	"	10,080	10,080	"	39
10 Ab.	Do.	Do.	-	"	1,848	"	3,186	"	"	"	"	"	39

TABLE IX.—continued.

No. of Specimen.	Name.	Colony.	Table I.	Table II.		Table III.		Table IV.		Table V.		Table VI.		Table VII.		Table VIII.	
			Specific Gravity.	Actual Weight.	lbs.	Page.	Mean Breaking Weight.	lbs.	Page.	Mean Direct Crushing Weight.	lbs.	Page.	Actual Transverse Crushing Weight.	lbs.	Page.	Mean Transverse Crushing Weight.	Elasticity.
			Distilled Water being 1,000.														
1. A.	Light Yellow Wood	Queensland	0.667	8	4,312	15	3,497	77	5,301	111	5,296	141	6,384	177	8,232	203	251
11 B.	Do.	Do.	"	"	5,320	"	"	"	5,292	"	5,320	"	10,080	"	7,708	204	"
11 C.	Do.	Do.	"	"	3,658	"	"	"	5,152	"	"	"	5,336	"	"	"	"
11 D.	Do.	Do.	"	"	7,252	"	6,130	73	7,810	"	8,246	136	2,408	"	3,342	210	"
12 A.	Do.	Do.	0.686	"	4,928	"	"	"	8,652	"	"	"	2,662	"	2,660	"	"
12 B.	Do.	Do.	"	"	6,776	"	"	"	8,792	"	8,834	"	2,708	"	"	"	"
12 C.	Do.	Do.	"	"	5,000	"	"	"	8,876	"	"	"	6,376	"	6,370	205	"
12 D.	Do.	Do.	0.615	6	4,180	"	"	"	5,188	"	5,190	111	6,384	"	"	"	"
13 A.	Do.	Do.	"	"	3,136	"	"	"	5,132	"	"	"	6,384	"	6,734	204	"
13 B.	Do.	Do.	"	"	3,696	"	"	"	6,038	"	5,810	"	6,034	"	"	"	"
13 C.	Do.	Do.	"	"	4,340	"	"	"	5,072	"	"	"	6,844	"	"	"	"
13 D.	Do.	Do.	0.607	10	784	"	"	"	"	"	"	"	"	"	"	"	"
14 A.	Do.	Do.	"	"	2,688	"	"	"	5,040	"	4,552	142	4,256	178	4,326	207	"
14 B.	Do.	Do.	0.780	7	5,074	"	2,772	79	4,144	"	4,552	"	1,796	"	"	"	"
14 C.	Do.	Do.	"	"	2,906	"	"	"	4,816	"	4,552	"	10,080	"	10,080	202	"
14 D.	Do.	Do.	"	"	2,880	"	"	"	3,920	"	3,818	143	8,100	"	9,240	203	"
15 A.	Do.	Do.	0.588	9	2,184	"	2,065	80	3,276	"	3,818	143	10,080	"	8,750	"	"
15 B.	Do.	Do.	"	"	2,158	"	"	"	3,900	"	3,248	"	"	"	"	"	"
15 C.	Do.	Do.	"	"	2,944	"	"	"	3,920	"	3,248	"	7,120	"	7,120	"	"
15 D.	Do.	Do.	"	"	1,904	"	"	"	3,276	"	3,248	"	7,120	"	7,120	"	"
16 A.	Do.	Do.	0.771	7	3,364	"	3,335	78	3,392	"	6,776	139	6,776	"	5,992	205	"
16 B.	Do.	Do.	"	"	3,328	"	"	"	4,100	"	6,776	"	6,776	"	5,992	205	"
16 C.	Do.	Do.	"	"	2,752	"	"	"	5,390	"	6,776	"	6,776	"	5,992	205	"
16 D.	Do.	Do.	"	"	3,576	"	"	"	7,560	"	6,776	"	6,776	"	5,992	205	"
17 A.	Do.	Do.	0.688	10	1,820	"	"	"	"	"	"	"	"	"	"	"	"
17 B.	Do.	Do.	"	"	860	"	"	"	"	"	"	"	"	"	"	"	"
17 C.	Do.	Do.	0.906	5	5,900	"	5,705	71	7,252	112	7,224	138	4,928	178	4,088	208	"
17 D.	Do.	Do.	"	"	5,576	"	"	"	7,196	"	7,224	"	4,928	178	4,088	208	"
18 A.	Do.	Do.	"	"	6,104	"	"	"	6,644	"	7,756	137	3,904	"	3,178	209	"
18 B.	Do.	Do.	"	"	5,104	"	"	"	8,816	"	7,756	"	3,904	"	3,178	209	"
18 C.	Do.	Do.	0.984	3	2,940	"	1,580	76	11,032	"	11,564	134	3,904	"	4,368	207	"
18 D.	Do.	Do.	"	"	8,100	"	"	"	12,096	"	11,564	"	3,904	"	4,368	207	"

[illegible]

TABLE IX.—continued.

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water.	Per 1000.	lbs.	Pairs.	lbs.	Pairs.	lbs.	Pairs.	lbs.	Pairs.	lbs.	Pairs.	lbs.	Pairs.	lbs.	Pairs.
35 A.	Cucurbit	Queensland	0.682	8	3,380	47	3,003	79	5,264	114	5,306	141	10,080	179	10,080	203	232	
35 B.	Do.	Do.	0.952	1	3,360	"	1,893	75	5,348	"	8,092	137	4,443	"	5,385	206	"	"
36 A.	"	Do.	"	"	5,012	"	"	"	8,848	"	"	"	6,323	"	"	"	"	"
36 B.	"	Do.	"	"	4,180	"	"	"	7,793	"	"	"	6,888	"	"	"	"	"
36 C.	"	Do.	"	"	5,600	"	"	"	7,793	"	"	"	8,568	"	"	"	"	"
37 A.	"	Do.	0.675	8	1,800	"	"	"	8,288	"	4,256	142	"	"	"	"	"	"
37 B.	"	Do.	"	"	1,644	"	"	"	2,573	"	"	"	"	"	"	"	"	"
38 A.	Gray Plum	Do.	"	"	728	"	"	"	3,956	"	"	"	"	"	"	"	"	"
38 B.	Do.	Do.	0.844	6	3,520	47	2,520	79	3,899	"	4,158	142	10,021	180	7,140	204	"	"
38 C.	Do.	Do.	"	"	3,520	"	"	"	3,124	"	"	"	4,256	"	"	"	"	"
38 D.	Do.	Do.	"	"	3,520	"	"	"	3,520	"	4,000	138	3,248	"	3,066	200	"	"
39 A.	Sassafras	Do.	0.755	7	3,108	"	3,115	79	5,010	"	"	"	2,884	"	"	"	"	"
39 B.	Do.	Do.	"	"	3,108	"	"	"	3,061	"	"	"	10,080	"	10,080	202	"	"
39 C.	Do.	Do.	"	"	3,108	"	"	"	3,061	"	"	"	10,080	"	"	"	"	"
39 D.	Do.	Do.	"	"	3,108	"	"	"	3,061	"	"	"	10,080	"	"	"	"	"
40 A.	"	Do.	0.960	5	2,748	"	"	"	6,781	"	4,214	"	8,848	"	9,464	203	"	"
40 B.	"	Do.	"	"	2,748	"	"	"	6,781	"	"	"	10,080	"	"	"	"	"
40 C.	"	Do.	"	"	2,748	"	"	"	6,781	"	"	"	10,080	"	"	"	"	"
40 D.	"	Do.	"	"	2,748	"	"	"	6,781	"	"	"	10,080	"	"	"	"	"
41 A.	"	Do.	0.872	5	3,140	49	3,140	78	5,000	"	5,824	141	6,720	"	8,400	203	"	"
41 B.	"	Do.	"	"	3,140	"	"	"	5,000	"	"	"	6,720	"	"	"	"	"
42 A.	Tamarind Tree	Do.	0.656	9	2,401	"	2,401	79	3,920	"	3,920	142	1,080	"	9,520	"	"	"
42 B.	Do.	Do.	"	"	2,401	"	"	"	3,920	"	"	"	1,080	"	"	"	"	"
42 C.	Do.	Do.	"	"	2,401	"	"	"	3,920	"	"	"	1,080	"	"	"	"	"
42 D.	Do.	Do.	"	"	2,401	"	"	"	3,920	"	"	"	1,080	"	"	"	"	"
43 A.	"	Do.	1.401	2	5,516	"	5,516	74	3,984	"	7,400	138	6,440	"	5,936	205	"	"
43 B.	"	Do.	"	"	5,516	"	"	"	3,984	"	"	"	6,440	"	"	"	"	"
43 C.	"	Do.	"	"	5,516	"	"	"	3,984	"	"	"	6,440	"	"	"	"	"
43 D.	"	Do.	"	"	5,516	"	"	"	3,984	"	"	"	6,440	"	"	"	"	"
44 A.	Tulip Wood	Do.	0.920	4	4,700	"	4,886	75	6,718	"	6,440	140	6,888	"	5,782	205	"	"
44 B.	Do.	Do.	"	"	4,700	"	"	"	6,718	"	"	"	6,888	"	"	"	"	"
44 C.	Do.	Do.	"	"	4,700	"	"	"	6,718	"	"	"	6,888	"	"	"	"	"
44 D.	Do.	Do.	"	"	4,700	"	"	"	6,718	"	"	"	6,888	"	"	"	"	"
45 A.	"	Do.	"	"	5,040	"	"	"	7,168	"	"	"	4,816	"	"	"	"	"
45 B.	"	Do.	"	"	5,040	"	"	"	7,168	"	"	"	4,816	"	"	"	"	"
45 C.	"	Do.	"	"	5,040	"	"	"	7,168	"	"	"	4,816	"	"	"	"	"
45 D.	"	Do.	"	"	5,040	"	"	"	7,168	"	"	"	4,816	"	"	"	"	"

46 A.	0.815	6	4,536	4,697	76	5,992	6,020	140	4,144	181	4,256	207
46 B.	"	35	4,284	"	"	6,048	"	139	4,308	38	5,132	206
46 Aa.	"	35	5,376	"	"	6,468	"	141	5,162	35	4,214	208
46 Ab.	"	35	4,592	"	"	"	115	5,656	3,948	20	6,398	205
47 A.	0.708	7	4,816	3,710	77	4,928	"	140	4,480	20	4,116	208
47 B.	"	28	3,808	"	"	5,354	"	138	6,104	25	4,046	206
47 Aa.	"	35	3,136	"	"	6,300	"	135	6,692	25	4,900	206
47 Ab.	"	35	3,080	"	"	7,218	"	138	6,180	25	4,116	208
48 A.	1.004	3	5,600	6,146	73	7,420	"	135	3,752	25	4,046	206
48 B.	"	35	7,252	"	"	8,316	"	138	3,920	25	4,900	206
48 Aa.	"	35	5,316	"	"	9,320	"	135	4,172	25	4,046	206
48 Ab.	"	35	3,640	"	"	7,392	"	138	4,384	25	4,900	206
49 A.	0.903	5	3,584	3,976	77	7,556	"	135	3,394	25	4,900	206
49 B.	"	35	4,180	"	"	7,980	"	138	4,368	25	4,900	206
49 Aa.	"	35	4,200	"	"	7,376	"	135	4,720	25	4,900	206
49 Ab.	"	35	3,510	"	"	6,216	"	141	4,730	25	4,900	206
50 A.	0.870	3	2,716	3,073	79	5,600	"	135	2,138	25	4,900	206
50 B.	"	35	3,584	"	"	5,656	"	138	1,848	25	4,900	206
50 Aa.	"	35	2,632	"	"	6,020	"	135	2,240	25	4,900	206
50 Ab.	"	35	2,856	"	"	6,020	"	138	2,240	25	4,900	206
51 A.	0.709	8	2,800	"	"	1,844	"	135	3,086	25	4,900	206
51 B.	"	35	2,856	"	"	5,144	"	138	10,080	25	4,900	206
52 A.	0.891	5	2,968	3,416	78	4,928	"	140	4,514	25	4,900	206
52 B.	"	35	3,920	"	"	5,880	"	138	8,692	25	4,900	206
52 Aa.	"	35	3,920	"	"	6,328	"	135	6,984	25	4,900	206
52 Ab.	"	35	4,928	"	"	7,056	"	138	6,356	25	4,900	206
53 A.	0.939	4	4,732	4,928	75	6,466	"	140	4,368	25	4,900	206
53 B.	"	35	5,048	"	"	5,880	"	138	2,968	25	4,900	206
53 Aa.	"	35	5,488	"	"	5,880	"	135	2,968	25	4,900	206
53 Ab.	"	35	5,048	"	"	5,880	"	138	2,968	25	4,900	206
54 A.	0.916	10	5,000	4,914	"	5,880	"	135	2,968	25	4,900	206
54 B.	"	35	5,000	"	"	5,880	"	138	2,968	25	4,900	206
54 Aa.	"	35	5,000	"	"	5,880	"	135	2,968	25	4,900	206
54 Ab.	"	35	5,000	"	"	5,880	"	138	2,968	25	4,900	206
55 A.	0.998	3	3,228	4,900	"	7,392	"	135	10,080	25	4,900	206
55 B.	"	35	5,112	"	"	6,354	"	138	7,126	25	4,900	206
55 Aa.	"	35	5,028	"	"	7,056	"	135	4,172	25	4,900	206
55 Ab.	"	35	4,956	"	"	6,020	"	140	2,376	25	4,900	206
56 A.	0.797	7	3,864	3,108	79	5,880	"	132	10,080	25	4,900	206
56 B.	"	35	3,304	"	"	4,180	"	135	10,080	25	4,900	206
56 Aa.	"	35	3,080	"	"	5,880	"	138	10,080	25	4,900	206
56 Ab.	"	35	3,248	"	"	4,256	"	135	10,080	25	4,900	206
57 A.	0.956	4	2,800	6,496	73	7,274	"	136	3,320	25	4,900	206
57 B.	"	35	6,108	"	"	9,808	"	137	4,760	25	4,900	206
58 A.	0.986	3	6,888	6,665	"	7,868	"	137	3,908	25	4,900	206
58 B.	"	35	"	"	"	"	"	"	"	"	"	"

Line

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Ironwood

Do.

Myrtle

TABLE IX.—continued.

No. of Specimen.	Name.	Colony.	Table I.		Table II.		Table III.		Table IV.		Table V.		Table VI.		Table VII.		Table VIII.	
			Specific Gravity.	Distilled Water being 1 000.	Actual Breaking Weight.	Page.	Mean Breaking Weight.	Page.	Mean Crushing Weight.	Page.	Actual Transverse Crushing Weight.	Page.	Mean Transverse Crushing Weight.	Page.	Elasticity.	Page.		
58 B.	Myrtle	Queensland	3	0.986	6,112	51	6,305	73	8,288	116	8,078	137	4,200	182	4,004	208	233	
58 Aa.	Do.	Do.	7	0.795	5,796	51	3,760	77	8,036	116	8,036	137	3,790	182	3,790	208	233	
59 A.	Do.	Do.	7	0.795	4,620	51	3,760	77	5,936	116	6,117	137	7,718	182	5,554	208	233	
59 B.	Do.	Do.	7	0.795	8,390	51	3,760	77	5,936	116	6,117	137	3,360	182	8,372	208	233	
59 Aa.	Do.	Do.	7	0.795	3,558	51	3,760	77	5,936	116	6,117	137	10,080	182	3,374	208	233	
59 Ab.	Do.	Do.	7	0.795	3,528	51	3,760	77	5,936	116	6,117	137	3,276	182	3,320	208	233	
60 A.	Do.	Do.	5	0.898	4,676	51	4,620	76	6,524	116	6,356	137	3,472	182	3,320	208	233	
60 B.	Do.	Do.	5	0.898	4,032	51	4,620	76	6,188	116	6,608	137	3,320	182	3,304	208	233	
61 A.	Do.	Do.	1	1.127	5,152	51	6,566	73	8,568	116	9,058	137	10,080	182	10,080	208	233	
61 B.	Do.	Do.	1	1.127	6,008	51	6,566	73	8,568	116	9,058	137	10,080	182	10,080	208	233	
62 A.	Box	Do.	5	0.942	5,832	51	3,658	78	4,460	116	4,738	137	4,090	182	4,214	208	233	
62 B.	Do.	Do.	5	0.942	4,144	51	3,658	78	5,768	116	4,564	137	4,368	182	4,214	208	233	
62 Aa.	Do.	Do.	1	1.120	3,332	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
62 Ab.	Do.	Do.	1	1.120	8,144	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
63 A.	Black Iron Bark	Do.	1	1.120	6,118	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
63 B.	Do.	Do.	1	1.120	7,504	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
63 Aa.	Do.	Do.	1	1.120	7,504	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
63 Ab.	Do.	Do.	1	1.120	7,504	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
64 A.	Grey Iron Bark	Do.	2	1.063	6,496	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
64 B.	Do.	Do.	2	1.063	6,496	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
64 Aa.	Do.	Do.	2	1.063	7,312	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
64 Ab.	Do.	Do.	2	1.063	7,312	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
65 A.	Red Iron Bark	Do.	1	1.204	7,312	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
65 B.	Do.	Do.	1	1.204	7,312	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
65 Aa.	Do.	Do.	1	1.204	7,312	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
65 Ab.	Do.	Do.	1	1.204	7,312	51	7,315	72	8,080	117	9,646	135	2,352	182	2,352	208	233	
66 A.	Stringy Bark	Do.	2	1.082	5,690	51	5,572	71	8,428	116	8,330	136	10,080	182	2,324	210	233	
66 B.	Do.	Do.	2	1.082	5,690	51	5,572	71	8,428	116	8,330	136	10,080	182	2,324	210	233	
66 Aa.	Do.	Do.	2	1.082	5,690	51	5,572	71	8,428	116	8,330	136	10,080	182	2,324	210	233	
66 Ab.	Do.	Do.	2	1.082	5,690	51	5,572	71	8,428	116	8,330	136	10,080	182	2,324	210	233	
67 A.	Spotted Gum	Do.	1	1.133	7,224	51	7,532	72	9,632	116	10,094	134	3,584	182	3,703	208	233	

67 B.	Do.	-	-	7,672	10,556	9,170	135	3,948	2,450	210	25
67 A.	Do.	-	-	8,064	8,512	9,170	135	3,948	2,450	210	25
67 A.	Do.	-	-	7,168	8,064	9,170	135	3,948	2,450	210	25
68 A.	Turpentine Tree	-	-	5,964	9,240	9,806	136	2,484	2,114	210	25
68 B.	Do.	-	-	6,104	8,372	8,820	136	2,592	2,114	210	25
68 A.	Do.	-	-	6,104	8,344	8,820	136	2,592	2,114	210	25
68 A.	Do.	-	-	6,272	8,246	8,820	136	2,404	2,590	210	25
68 A.	Do.	-	-	4,944	5,936	6,188	140	2,408	2,660	210	25
69 B.	Smooth - barked Gun.	-	-	4,592	6,440	6,188	140	2,408	2,660	210	25
69 A.	Do.	-	-	3,808	6,440	5,894	141	2,912	2,660	210	25
69 A.	Do.	-	-	4,020	5,244	5,894	141	3,136	2,660	210	25
70 A.	Blood Wood	-	-	3,836	5,572	4,872	132	10,080	7,378	204	25
70 B.	Do.	-	-	3,500	4,172	4,872	132	10,080	7,378	204	25
70 A.	Do.	-	-	4,308	5,492	5,833	141	3,136	6,608	205	25
70 A.	Do.	-	-	4,228	5,684	5,833	141	3,136	6,608	205	25
71 A.	Swamp Mahogany	-	-	4,200	11,114	10,822	134	10,080	2,067	210	25
71 B.	Do.	-	-	6,720	10,500	10,822	134	2,044	2,067	210	25
71 A.	Do.	-	-	6,048	10,612	10,612	135	2,401	2,472	210	25
72 A.	Woolly Butt	-	-	7,112	9,800	10,164	135	2,660	2,758	210	25
72 B.	Do.	-	-	6,720	10,528	9,716	135	2,856	2,758	210	25
72 A.	Do.	-	-	7,784	9,408	9,716	135	1,904	2,436	210	25
72 A.	Do.	-	-	7,784	10,024	7,420	138	4,088	3,332	209	25
73 A.	Blue Gum	-	-	5,992	7,056	7,420	138	2,576	3,332	209	25
73 B.	Do.	-	-	5,544	7,784	7,420	138	2,576	3,332	209	25
73 A.	Do.	-	-	5,600	8,344	8,036	137	2,800	6,440	205	25
73 A.	Do.	-	-	5,516	7,738	8,036	137	2,800	6,440	205	25
73 A.	Do.	-	-	3,360	4,928	4,480	112	10,080	10,080	202	25
74 A.	Prickly-leaved Tea Tree.	-	-	3,528	4,032	4,480	112	10,080	10,080	202	25
75 A.	Do.	-	-	2,968	4,984	5,054	135	3,332	7,798	204	25
76 A.	Do.	-	-	3,108	5,134	5,360	141	5,516	7,798	204	25
77 A.	Broad-leaved Tea Tree.	-	-	0,989	5,438	5,360	141	5,516	7,798	204	25
77 B.	Do.	-	-	3,584	5,292	6,132	140	10,080	2,893	209	25
77 A.	Common Tea Tree	-	-	4,432	6,160	6,132	140	3,069	2,893	209	25
79 A.	Do.	-	-	4,844	6,104	6,314	140	2,088	2,016	210	25
79 A.	Do.	-	-	4,968	6,440	6,314	140	2,016	2,016	210	25
79 A.	Do.	-	-	4,984	6,188	5,684	141	3,358	6,734	204	25
79 A.	Do.	-	-	4,956	5,880	5,684	141	2,912	6,734	204	25
80 A.	Bottle Brush Tree	-	-	5,066	5,488	6,104	140	3,920	3,416	209	25
80 B.	Do.	-	-	5,432	6,160	6,104	140	3,908	3,416	209	25
80 A.	Do.	-	-	5,404	6,048	7,552	138	3,808	5,264	206	25
81 A.	Do.	-	-	4,480	7,336	7,552	138	3,808	5,264	206	25
81 B.	Do.	-	-	3,416	7,728	7,552	138	6,720	5,264	206	25

TABLE IX.—continued.

No. of Specimen.	Name.	Colony.	Table I.		Table II.		Table III.		Table IV.		Table V.		Table VI.		Table VII.		Table VIII.		
			Distilled Water being 1000.	Specific Gravity.	lbs.	Page.	Actual Breaking Weight.	lbs.	Page.	Actual Direct Crushing Weight.	lbs.	Page.	Mean Direct Crushing Weight.	lbs.	Page.	Actual Transverse Crushing Weight.	lbs.	Page.	Mean Transverse Crushing Weight.
81 Aa.	Satin Wood	Queensland	..	..	5,320	53	4,284	77	7,140	118	6,847	139	3,920	185	4,032	208	235		
81 Ab.		Do.	..	..	3,920	53	3,115	79	6,008	..	5,208	..	4,144	..	2,852	210	..		
82 Aa.		Do.	..	0.680	2,716	..	..	..	5,376	..	..	..	1,680	..	..	..	..		
82 Ab.		Do.	..	..	4,032	..	..	..	5,770	..	..	..	3,024	..	6,160	205	..		
83 Aa.	Satin Wood	Do.	..	..	3,360	..	4,600	76	5,336	..	6,804	139	10,080	..	3,970	206	..		
83 Ab.		Do.	..	0.785	4,454	..	..	..	6,328	119	..	..	4,116	..	6,244	205	..		
84 Aa.		Do.	..	..	4,760	..	..	..	7,280	..	5,978	140	6,188	..	2,944	210	..		
84 Ab.		Do.	..	..	4,704	..	..	..	6,132	..	4,984	142	3,900	..	..	..	..		
85 Aa.	Leichhardt's Wood	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
85 Ab.		Do.	..	0.579	2,240	..	2,072	80	3,753	..	3,752	..	685	..	..	..	..		
86 Aa.		Do.	..	..	1,904	..	5,418	76	7,416	..	8,078	137	4,928	..	5,093	206	..		
86 Ab.		Do.	..	0.581	5,516	..	..	..	8,540	..	..	..	5,264	..	..	..	..		
87 Aa.	Cedar Tree	Do.	..	..	3,060	..	..	..	8,064	..	8,086	..	5,320	..	4,536	207	..		
87 Ab.		Do.	..	0.824	3,062	..	4,284	77	6,880	..	5,866	141	6,583	..	6,533	205	..		
88 Aa.		Do.	..	..	4,144	..	5,218	75	6,832	..	6,436	139	4,200	..	4,760	207	..		
88 Ab.		Do.	..	1.190	5,376	..	..	..	8,496	..	9,562	135	5,320	..	4,060	208	..		
89 Aa.	Cedar Tree	Do.	..	..	5,600	..	4,900	..	9,280	..	9,144	..	8,976	..	10,080	202	..		
89 Ab.		Do.	..	1.068	4,260	..	..	..	9,744	..	3,920	142	10,080	..	..	..	..		
90 Aa.		Do.	..	0.563	1,264	..	..	..	..	..	..	..	..	..	..	..	..		
90 Ab.		Do.	..	..	2,576	..	..	..	..	..	..	..	..	..	..	..	..		
91 Aa.	Cedar Tree	Do.	..	..	2,184	..	..	..	..	..	..	..	..	..	..	..	..		
91 Ab.		Do.	..	..	2,165	..	..	..	..	..	..	..	..	..	..	..	..		
92 Aa.		Do.	..	..	1,456	..	..	..	..	..	..	..	..	..	..	..	..		
92 Ab.		Do.	..	..	1,792	..	4,157	77	5,352	..	5,152	142	1,960	..	2,142	210	..		
93 Aa.	Cedar Tree	Do.	..	0.766	4,816	..	..	..	5,012	..	5,152	142	3,600	..	3,192	209	..		
93 Ab.		Do.	..	..	3,328	..	..	..	5,002	..	6,188	140	3,600	..	..	..	..		
93 Aa.		Do.	..	..	4,586	..	..	..	..	..	..	..	..	..	..	..	..		
93 Ab.		Do.	..	..	3,608	..	..	..	..	..	..	..	..	..	..	..	..		

94 A.	Silver Tree	-	0.905	5	4,340	4,382	76	7,868	7,868	137	2,464	2,464	210	..	..
94 B.	Do.	-	..	..	4,424	..	..	..	..	..	..	..	..	..	..
95 A.	Do.	-	..	..	..	..	..	..	..	..	..	..	..	..	..
95 B.	Do.	-	..	..	..	..	..	..	..	..	..	..	..	..	..
97 A.	Do.	-	1.077	2	6,552	6,705	73	8,064	119	137	4,180	4,144	208	..	..
97 B.	Do.	-	..	..	6,860	..	..	7,840	..	..	3,808	..	..	..	..
99 A.	Bean Tree	-	0.898	5	2,536	3,241	78	3,304	120	142	10,080	10,080	202	..	..
99 B.	Do.	-	..	..	2,240	..	..	3,392	..	..	..	..	..	..	..
99 Aa.	Do.	-	..	..	3,836	..	..	5,544	..	..	..	..	..	..	..
99 Ab.	Do.	-	..	..	4,032	..	..	5,040	..	..	..	..	..	..	..
100 A.	Do.	-	0.883	..	2,576	2,352	79	5,880	..	..	..	..	..	..	..
100 Aa.	Do.	-	..	..	2,128	..	..	5,880	..	..	..	..	..	..	..
100 Ab.	Do.	-	..	..	2,240	2,306	..	4,480	..	..	..	..	..	..	..
102 A.	Do.	-	0.857	6	..	..	..	3,304	..	..	..	..	..	..	..
102 Aa.	Do.	-	..	..	2,836	..	..	3,544	..	..	..	..	..	..	..
102 Ab.	Do.	-	..	..	2,688	..	..	3,304	..	..	..	..	..	..	..
103 A.	Do.	-	0.844	4	..	5,306	75	6,380	..	..	..	..	..	..	..
104 B.	Found in the Brick-	-	..	..	5,432	..	..	7,616	..	..	..	..	..	..	..
104 Aa.	low Scrubs.	-	..	..	..	..	..	6,356	..	..	..	..	..	..	..
104 Ab.	Do.	-	..	..	5,600	..	..	7,784	..	..	..	..	..	..	..
105 A.	Do.	-	0.900	5	2,772	3,087	79	5,432	..	..	..	..	..	..	..
105 B.	Do.	-	..	..	3,360	..	..	5,336	..	..	..	..	..	..	..
105 Aa.	Do.	-	..	..	3,248	..	..	5,132	..	..	..	..	..	..	..
105 Ab.	Do.	-	..	..	2,908	..	..	5,656	..	..	..	..	..	..	..
106 A.	Do.	-	0.985	3	4,648	5,044	75	6,384	..	..	..	..	..	..	..
106 Aa.	Do.	-	..	..	4,872	..	..	6,356	..	..	..	..	..	..	..
106 B.	Do.	-	..	..	4,480	..	..	7,616	..	..	..	..	..	..	..
106 Aa.	Do.	-	..	..	5,132	..	..	7,280	..	..	..	..	..	..	..
106 Ab.	Do.	-	..	..	5,488	..	..	8,288	..	..	..	..	..	..	..
106 Ba.	Do.	-	..	..	5,600	..	..	7,196	..	..	..	..	..	..	..
106 Bb.	Do.	-	..	..	5,432	..	..	7,952	..	..	..	..	..	..	..
106 Cb.	Do.	-	..	..	6,629	..	..	7,728	..	..	..	..	..	..	..
106 Ca.	Do.	-	0.969	..	6,720	..	..	7,332	..	..	..	..	..	..	..
108 A.	Do.	-	..	..	6,840	..	..	7,784	..	..	..	..	..	..	..
108 Aa.	Do.	-	..	..	6,328	..	..	7,344	..	..	..	..	..	..	..
108 Ab.	Do.	-	..	..	6,608	..	..	7,224	..	..	..	..	..	..	..
109 A.	Olive Tree	-	1.012	..	7,280	7,132	72	8,036	121	136	4,711	4,741	207	..	..
109 B.	Do.	-	..	..	6,944	..	..	8,624	..	..	..	..	..	..	..
109 Aa.	Do.	-	..	..	7,004	..	..	8,596	..	..	..	..	..	..	..
109 Ab.	Do.	-	..	..	7,000	..	..	8,568	..	..	..	..	..	..	..
110 A.	Do.	-	0.932	4	4,424	3,054	78	8,848	..	..	..	..	..	..	..
110 B.	Do.	-	..	..	3,248	..	..	8,848	..	..	..	..	..	..	..
110 Aa.	Do.	-	..	..	3,192	..	..	8,512	..	..	..	..	..	..	..
110 Ab.	Do.	-	..	..	3,752	..	..	7,616	..	..	..	..	..	..	..
110 B.	Do.	-	..	..	..	..	..	..	..	..	..	..	..	..	..
110 Ba.	Do.	-	..	..	..	..	..	..	..	..	..	..	..	..	..
110 Bb.	Do.	-	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE IX.—continued.

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water, weighing 1,000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
111 A.	-	Queensland	0.978	3	4,480	57	4,977	75	8,596	121	8,400	136	3,920	187	3,584	209	236	
111 B.	-	Do.	"	"	5,404	"	"	"	8,204	"	"	"	3,248	"	"	"	"	
111 Aa.	-	Do.	"	"	4,648	"	"	"	7,952	"	7,840	137	2,688	"	"	"	"	
111 Ab.	-	Do.	"	"	5,376	"	"	"	7,728	"	5,320	141	3,248	"	2,128	210	"	
112 Aa.	-	Do.	0.783	7	2,352	"	3,220	78	5,458	"	5,320	141	2,744	"	"	"	"	
112 Ab.	-	Do.	"	"	4,088	"	4,816	76	5,152	"	6,552	139	1,512	"	3,658	208	"	
113 A.	Mangrove	Do.	0.998	3	4,928	"	4,816	76	6,720	"	6,552	139	7,616	"	"	"	"	
113 B.	Do.	Do.	"	"	4,256	"	"	"	6,384	"	7,042	138	3,360	"	"	"	"	
113 Aa.	Do.	Do.	"	"	5,040	"	"	"	7,056	"	7,042	138	5,324	"	5,824	205	"	
113 Ab.	Do.	Do.	0.726	8	2,240	"	2,464	79	7,028	"	5,180	142	6,188	"	7,238	204	"	
114 A.	-	Do.	"	"	2,688	"	"	"	5,544	"	5,180	142	3,680	"	2,604	210	"	
114 B.	-	Do.	0.999	3	7,616	"	7,448	72	12,768	"	11,984	134	2,728	"	"	"	"	
115 A.	-	Do.	"	"	7,280	"	"	"	11,900	"	5,008	142	10,080	"	7,826	203	"	
115 B.	-	Do.	0.790	7	3,976	"	"	"	4,298	"	5,008	142	3,572	"	"	"	"	
116 A.	-	Do.	"	"	3,724	"	6,706	73	9,312	"	"	"	3,920	"	8,864	208	237	
117 A.	Rosewood	Do.	1.090	2	7,616	"	"	"	4,932	"	"	"	3,808	"	4,564	207	"	
117 B.	Do.	Do.	"	"	6,160	"	"	"	11,368	"	9,338	135	4,368	"	4,564	"	"	
117 Aa.	Do.	Do.	"	"	5,712	"	3,290	76	9,744	"	4,270	142	4,760	"	8,218	203	"	
117 Ab.	-	Do.	0.795	7	2,128	"	"	"	4,344	"	4,270	142	6,256	"	"	"	"	
118 A.	-	Do.	"	"	1,848	"	4,200	"	6,608	"	6,496	139	10,080	"	1,502	211	"	
118 B.	-	Do.	"	"	4,704	"	"	"	6,884	"	6,496	139	1,512	"	"	"	"	
118 Aa.	-	Do.	"	"	4,140	"	9,142	72	12,046	"	12,096	134	5,488	"	5,488	206	"	
118 Ab.	-	Do.	1.057	2	9,548	"	"	"	12,046	"	12,096	134	4,180	"	5,572	"	"	
120 A.	-	Do.	"	"	8,736	"	8,813	"	13,048	122	13,426	"	6,664	"	6,347	205	"	
120 B.	Weeping Myall	Do.	1.228	1	7,616	"	"	"	12,796	"	12,992	"	6,347	"	4,004	208	"	
121 A.	Do.	Do.	"	"	8,816	"	"	"	13,440	"	10,378	"	4,144	"	4,536	207	"	
121 Aa.	Do.	Do.	"	"	9,184	"	"	"	13,112	"	10,378	"	3,804	"	"	"	"	
121 Ab.	Do.	Do.	"	"	9,696	"	8,078	"	9,853	"	12,502	"	1,000	"	"	"	"	
122 A.	Bricklow	Do.	1.144	"	9,240	"	"	"	10,864	"	12,502	"	5,012	"	"	"	"	
122 B.	Do.	Do.	"	"	7,840	"	"	"	13,104	"	"	"	"	"	"	"	"	
122 Aa.	Do.	Do.	"	"	7,392	"	"	"	11,900	"	"	"	"	"	"	"	"	
122 Ab.	Do.	Do.	"	"	7,840	"	"	"	"	"	"	"	"	"	"	"	"	

125 A.	125 B.	125 C.	125 D.	125 E.	125 F.	125 G.	125 H.	125 I.	125 J.	125 K.	125 L.	125 M.	125 N.	125 O.	125 P.	125 Q.	125 R.	125 S.	125 T.	125 U.	125 V.	125 W.	125 X.	125 Y.	125 Z.
1 A.	1 B.	1 C.	1 D.	1 E.	1 F.	1 G.	1 H.	1 I.	1 J.	1 K.	1 L.	1 M.	1 N.	1 O.	1 P.	1 Q.	1 R.	1 S.	1 T.	1 U.	1 V.	1 W.	1 X.	1 Y.	1 Z.
2 A.	2 B.	2 C.	2 D.	2 E.	2 F.	2 G.	2 H.	2 I.	2 J.	2 K.	2 L.	2 M.	2 N.	2 O.	2 P.	2 Q.	2 R.	2 S.	2 T.	2 U.	2 V.	2 W.	2 X.	2 Y.	2 Z.
3 A.	3 B.	3 C.	3 D.	3 E.	3 F.	3 G.	3 H.	3 I.	3 J.	3 K.	3 L.	3 M.	3 N.	3 O.	3 P.	3 Q.	3 R.	3 S.	3 T.	3 U.	3 V.	3 W.	3 X.	3 Y.	3 Z.
4 A.	4 B.	4 C.	4 D.	4 E.	4 F.	4 G.	4 H.	4 I.	4 J.	4 K.	4 L.	4 M.	4 N.	4 O.	4 P.	4 Q.	4 R.	4 S.	4 T.	4 U.	4 V.	4 W.	4 X.	4 Y.	4 Z.
5 A.	5 B.	5 C.	5 D.	5 E.	5 F.	5 G.	5 H.	5 I.	5 J.	5 K.	5 L.	5 M.	5 N.	5 O.	5 P.	5 Q.	5 R.	5 S.	5 T.	5 U.	5 V.	5 W.	5 X.	5 Y.	5 Z.
6 A.	6 B.	6 C.	6 D.	6 E.	6 F.	6 G.	6 H.	6 I.	6 J.	6 K.	6 L.	6 M.	6 N.	6 O.	6 P.	6 Q.	6 R.	6 S.	6 T.	6 U.	6 V.	6 W.	6 X.	6 Y.	6 Z.
7 A.	7 B.	7 C.	7 D.	7 E.	7 F.	7 G.	7 H.	7 I.	7 J.	7 K.	7 L.	7 M.	7 N.	7 O.	7 P.	7 Q.	7 R.	7 S.	7 T.	7 U.	7 V.	7 W.	7 X.	7 Y.	7 Z.
8 A.	8 B.	8 C.	8 D.	8 E.	8 F.	8 G.	8 H.	8 I.	8 J.	8 K.	8 L.	8 M.	8 N.	8 O.	8 P.	8 Q.	8 R.	8 S.	8 T.	8 U.	8 V.	8 W.	8 X.	8 Y.	8 Z.
9 A.	9 B.	9 C.	9 D.	9 E.	9 F.	9 G.	9 H.	9 I.	9 J.	9 K.	9 L.	9 M.	9 N.	9 O.	9 P.	9 Q.	9 R.	9 S.	9 T.	9 U.	9 V.	9 W.	9 X.	9 Y.	9 Z.
10 A.	10 B.	10 C.	10 D.	10 E.	10 F.	10 G.	10 H.	10 I.	10 J.	10 K.	10 L.	10 M.	10 N.	10 O.	10 P.	10 Q.	10 R.	10 S.	10 T.	10 U.	10 V.	10 W.	10 X.	10 Y.	10 Z.
11 A.	11 B.	11 C.	11 D.	11 E.	11 F.	11 G.	11 H.	11 I.	11 J.	11 K.	11 L.	11 M.	11 N.	11 O.	11 P.	11 Q.	11 R.	11 S.	11 T.	11 U.	11 V.	11 W.	11 X.	11 Y.	11 Z.
12 A.	12 B.	12 C.	12 D.	12 E.	12 F.	12 G.	12 H.	12 I.	12 J.	12 K.	12 L.	12 M.	12 N.	12 O.	12 P.	12 Q.	12 R.	12 S.	12 T.	12 U.	12 V.	12 W.	12 X.	12 Y.	12 Z.
13 A.	13 B.	13 C.	13 D.	13 E.	13 F.	13 G.	13 H.	13 I.	13 J.	13 K.	13 L.	13 M.	13 N.	13 O.	13 P.	13 Q.	13 R.	13 S.	13 T.	13 U.	13 V.	13 W.	13 X.	13 Y.	13 Z.
14 A.	14 B.	14 C.	14 D.	14 E.	14 F.	14 G.	14 H.	14 I.	14 J.	14 K.	14 L.	14 M.	14 N.	14 O.	14 P.	14 Q.	14 R.	14 S.	14 T.	14 U.	14 V.	14 W.	14 X.	14 Y.	14 Z.
15 A.	15 B.	15 C.	15 D.	15 E.	15 F.	15 G.	15 H.	15 I.	15 J.	15 K.	15 L.	15 M.	15 N.	15 O.	15 P.	15 Q.	15 R.	15 S.	15 T.	15 U.	15 V.	15 W.	15 X.	15 Y.	15 Z.
16 A.	16 B.	16 C.	16 D.	16 E.	16 F.	16 G.	16 H.	16 I.	16 J.	16 K.	16 L.	16 M.	16 N.	16 O.	16 P.	16 Q.	16 R.	16 S.	16 T.	16 U.	16 V.	16 W.	16 X.	16 Y.	16 Z.
17 A.	17 B.	17 C.	17 D.	17 E.	17 F.	17 G.	17 H.	17 I.	17 J.	17 K.	17 L.	17 M.	17 N.	17 O.	17 P.	17 Q.	17 R.	17 S.	17 T.	17 U.	17 V.	17 W.	17 X.	17 Y.	17 Z.
18 A.	18 B.	18 C.	18 D.	18 E.	18 F.	18 G.	18 H.	18 I.	18 J.	18 K.	18 L.	18 M.	18 N.	18 O.	18 P.	18 Q.	18 R.	18 S.	18 T.	18 U.	18 V.	18 W.	18 X.	18 Y.	18 Z.
19 A.	19 B.	19 C.	19 D.	19 E.	19 F.	19 G.	19 H.	19 I.	19 J.	19 K.	19 L.	19 M.	19 N.	19 O.	19 P.	19 Q.	19 R.	19 S.	19 T.	19 U.	19 V.	19 W.	19 X.	19 Y.	19 Z.
20 A.	20 B.	20 C.	20 D.	20 E.	20 F.	20 G.	20 H.	20 I.	20 J.	20 K.	20 L.	20 M.	20 N.	20 O.	20 P.	20 Q.	20 R.	20 S.	20 T.	20 U.	20 V.	20 W.	20 X.	20 Y.	20 Z.

TABLE IX.—continued.

No. of Specimen.	Name.	Colony.	Table I.	Table II.	Table III.	Table IV.	Table V.	Table VI.	Table VII.	Table VIII.
			Specific Gravity.	Actual Breaking Weight.	Mean Breaking Weight.	Actual Direct Crushing Weight.	Mean Direct Crushing Weight.	Actual Transverse Crushing Weight.	Mean Transverse Crushing Weight.	Elasticity.
			Detailed Weir Inc. 1900.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
45 A.	Peppermint	Tasmania	1.028	2	3,948	123	137	3,627	190	288
45 B.	Do.	Do.	"	"	4,032	"	"	"	"	"
85 C.	Do.	Do.	"	"	4,502	"	"	"	"	"
93 A.	Myrtle	Do.	0.549	6	2,682	"	110	4,354	207	"
93 B.	Do.	Do.	"	"	3,635	"	"	"	"	"
93 C.	Do.	Do.	"	"	3,640	"	"	"	"	"
93 D.	Do.	Do.	"	"	3,581	"	"	"	"	"
97 A.	White Gum	Do.	0.730	8	3,892	"	5,896	6,125	205	"
97 B.	Do.	Do.	"	"	3,021	"	"	"	"	"
97 C.	Do.	Do.	"	"	2,161	"	"	"	"	"
97 D.	Do.	Do.	"	"	3,135	"	"	"	"	"
102 A.	Silver Wattle	Do.	0.571	9	2,688	"	"	"	"	"
102 B.	Do.	Do.	"	"	1,701	"	"	"	"	"
102 C.	Do.	Do.	"	"	2,436	"	"	"	"	"
102 D.	Do.	Do.	"	"	2,632	"	"	"	"	"
116 A.	Blue Gum	Do.	"	"	4,312	"	138	10,080	191	"
116 B.	Do.	Do.	"	"	3,528	"	"	"	"	"
116 C.	Do.	Do.	"	"	4,141	"	"	"	"	"
116 D.	Do.	Do.	"	"	4,368	"	"	"	"	"
348 A.	Gum topped	Do.	0.929	"	7,312	"	79	6,874	204	"
348 B.	Do.	Do.	"	"	4,484	"	"	"	"	"
348 C.	Do.	Do.	"	"	6,508	"	"	"	"	"
348 D.	Do.	Do.	"	"	5,835	"	"	"	"	"
348 E.	Do.	Do.	"	"	5,876	"	"	"	"	"
348 F.	Do.	Do.	0.913	5	3,021	"	"	"	"	"
348 G.	Do.	Do.	"	"	1,332	"	"	"	"	"
348 H.	Do.	Do.	"	"	5,824	"	"	"	"	"
348 I.	Do.	Do.	"	"	6,046	"	"	"	"	"
348 J.	Do.	Do.	"	"	5,764	"	"	"	"	"
348 K.	Do.	Do.	"	"	6,104	"	"	"	"	"
348 L.	Do.	Do.	"	"	3,472	"	"	"	"	"
348 M.	Do.	Do.	"	"	4,088	"	"	"	"	"
348 N.	Do.	Do.	"	"	3,584	"	"	"	"	"
348 O.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 P.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 Q.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 R.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 S.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 T.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 U.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 V.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 W.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 X.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 Y.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 Z.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AA.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AB.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AC.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AD.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AE.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AF.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AG.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AH.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AI.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AJ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AK.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AL.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AM.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AN.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AO.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AP.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AQ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AR.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AS.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AT.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AU.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AV.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AW.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AX.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AY.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 AZ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BA.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BB.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BC.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BD.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BE.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BF.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BG.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BH.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BI.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BJ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BK.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BL.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BM.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BN.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BO.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BP.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BQ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BR.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BS.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BT.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BU.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BV.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BW.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BX.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BY.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 BZ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CA.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CB.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CC.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CD.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CE.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CF.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CG.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CH.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CI.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CJ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CK.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CL.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CM.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CN.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CO.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CP.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CQ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CR.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CS.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CT.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CU.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CV.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CW.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CX.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CY.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 CZ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DA.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DB.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DC.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DD.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DE.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DF.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DG.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DH.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DI.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DJ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DK.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DL.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DM.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DN.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DO.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DP.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DQ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DR.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DS.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DT.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DU.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DV.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DW.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DX.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DY.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 DZ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EA.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EB.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EC.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 ED.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EE.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EF.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EG.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EH.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EI.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EJ.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EK.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EL.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EM.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EN.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EO.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EP.	Do.	Do.	"	"	3,640	"	"	"	"	"
348 EQ.	Do.									

371 A.	Stringy Bark	Do.	..	6,020	..	10,640	10,612	134	1,792	4,421	207	..
371 B.	Do.	Do.	..	5,514	..	10,108	..	..	1,354	..	..	..
371 C.	Do.	Do.	..	6,186	..	11,172	..	..	1,269	..	..	..
371 D.	Do.	Do.	..	5,936	..	10,528	..	..	1,232	..	..	..
372 A.	Blue Gum	Do.	..	6,608	..	9,408	8,577	136	3,323	3,490	209	..
372 B.	Do.	Do.	..	7,230	..	7,728	..	..	3,696	..	..	..
372 C.	Do.	Do.	..	5,824	..	8,661	..	..	3,696	..	..	..
372 D.	Do.	Do.	..	6,160	..	8,512	..	..	3,248	..	..	..
373 A.	Stringy Bark	Do.	..	5,376	5,833	8,400	8,505	..	2,632	2,471	210	..
373 B.	Do.	Do.	..	5,068	..	8,764	..	..	3,276	..	..	..
373 C.	Do.	Do.	..	4,284	..	7,616	..	..	1,316	..	..	..
373 D.	Do.	Do.	..	5,824	..	9,240	..	..	2,660	1,593	..	..
373 A.	Do.	Do.	..	5,152	..	7,728	7,354	138	1,867	..	..	..
373 B.	Do.	Do.	..	4,620	..	7,754	..	..	2,128	..	..	..
373 C.	Do.	Do.	..	3,948	..	..	..	..	896	..	..	..
373 D.	Do.	Do.	..	4,368	..	6,552	..	..	1,454	..	..	..
373 A.	Do.	Do.	..	7,168	..	9,948	8,717	136	2,128	2,296	..	..
373 B.	Do.	Do.	..	4,732	..	7,840	..	..	..	..	..	..
373 C.	Do.	Do.	..	5,600	..	8,368	..	..	..	..	..	..
373 D.	Do.	Do.	..	4,172	..	8,960	7,541	138	10,080	8,512	203	..
374 A.	Blue Gum	Do.	..	3,976	4,467	..	..	..	5,376	..	..	..
374 B.	Do.	Do.	..	4,114	..	7,000	..	..	10,080	..	..	..
374 C.	Do.	Do.	..	3,808	..	6,664	..	..	..	..	..	..
374 D.	Do.	Do.	..	7,504	7,065	..	..	..	..	..	..	..
556 A.	Do.	Do.	..	7,280	..	..	..	..	..	..	..	..
556 B.	Do.	Do.	..	6,412	..	9,445	10,811	134	4,331	4,113	208	..
556 C.	Do.	Do.	..	5,973	7,112	10,780	..	..	4,480	..	..	..
558 A.	Do.	Do.	..	6,440	..	12,208	..	..	3,528	..	..	..
558 B.	Do.	Do.	..	7,112	..	7,541	8,248	136	2,492	4,431	207	..
558 C.	Do.	Do.	..	3,285	..	6,412	..	..	10,080	..	..	..
577 A.	Do.	Do.	..	3,860	..	8,960	..	..	2,576	..	..	..
577 B.	Do.	Do.	..	3,696	..	10,080	..	..	2,576	..	..	..
577 C.	Do.	Do.	..	4,760	..	..	..	..	..	..	..	..
577 D.	Do.	Do.	..	..	..	..	..	..	..	..	..	..
155 A.	Tapana	Trinidad	..	4,508	4,763	7,728	7,336	138	3,808	3,822	208	..
155 B.	Do.	Do.	..	3,976	..	6,944	..	..	3,836	..	..	..
155 C.	Do.	Do.	..	5,152	..	..	..	..	..	..	..	..
155 D.	Do.	Do.	..	4,760	..	..	..	..	..	..	..	..
158 A.	Garlick Pear	Do.	..	2,744	2,620	..	..	..	..	..	..	..
158 B.	Do.	Do.	..	2,613	..	..	..	..	..	..	..	..
158 C.	Do.	Do.	..	2,427	..	..	..	..	..	..	..	..
158 D.	Do.	Do.	..	2,436	..	..	..	..	..	..	..	..
162 A.	Do.	Do.	..	2,240	..	..	..	..	..	..	..	..
162 B.	Do.	Do.	..	1,314	..	..	..	..	..	..	..	..
163 A.	Do.	Do.	..	8,976	8,976	..	..	..	..	..	..	..

TABLE IX.—continued.

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
166 A.	Soap Nut Tree	Trinidad	0.825	6	3,554	61	3,920	77	6,048	126	6,374	140	1,512	198	3,854	208	238	..
166 B.	Do.	Do.	"	"	4,180	"	"	"	6,580	"	"	"	6,888	"	"	"	"	"
166 C.	Do.	Do.	"	"	3,380	"	"	"	6,406	"	"	"	3,164	"	"	"	"	"
167 A.	Carapoule	Do.	0.675	8	2,906	"	3,098	79	"	"	"	"	"	"	"	"	"	"
167 B.	Do.	Do.	"	"	3,024	"	"	"	"	"	"	"	"	"	"	"	"	"
167 C.	Do.	Do.	"	"	3,276	"	"	"	"	"	"	"	"	"	"	"	"	"
168 A.	Surette	Do.	0.844	6	4,984	"	4,445	76	7,195	126	6,762	139	1,752	198	2,090	210	"	"
168 B.	Do.	Do.	"	"	1,256	"	"	"	6,406	"	"	"	2,016	"	"	"	"	"
168 C.	Do.	Do.	"	"	3,060	"	"	"	6,664	"	"	"	2,539	"	"	"	"	"
168 D.	Do.	Do.	"	"	4,140	"	"	"	6,682	"	"	"	2,725	"	2,709	"	"	"
169 A.	Parman	Do.	0.868	5	3,402	"	3,561	78	7,084	"	6,741	"	1,643	"	"	"	"	"
169 B.	Do.	Do.	"	"	3,116	"	"	"	6,636	"	"	"	1,680	"	"	"	"	"
169 C.	Do.	Do.	"	"	4,228	"	"	"	6,104	"	"	"	3,788	"	"	"	"	"
169 D.	Do.	Do.	"	"	2,114	"	"	"	7,110	"	"	"	3,360	"	2,072	"	"	"
171 A.	Galla	Do.	0.720	8	3,472	"	4,240	77	7,112	"	7,005	138	1,680	"	"	"	"	"
171 B.	Do.	Do.	"	"	5,244	"	"	"	7,112	"	"	"	1,792	"	"	"	"	"
171 C.	Do.	Do.	"	"	4,110	"	"	"	7,582	"	"	"	1,792	"	"	"	"	"
171 D.	Do.	Do.	"	"	3,360	63	"	"	7,131	"	"	"	1,456	"	"	"	"	"
180 B.	Crabtree	Do.	0.728	"	5,124	"	5,169	75	"	"	"	"	"	"	"	"	"	"
180 C.	Do.	Do.	"	"	5,010	"	"	"	"	"	"	"	"	"	"	"	"	"
180 D.	Do.	Do.	"	"	5,104	"	"	"	"	"	"	"	"	"	"	"	"	"
185 A.	Noyer	Do.	0.895	5	5,068	"	6,307	73	10,668	126	9,881	135	3,733	198	3,833	208	"	"
185 B.	Do.	Do.	"	"	7,000	"	"	"	9,184	"	"	"	3,640	"	"	"	"	"
185 C.	Do.	Do.	"	"	6,832	"	"	"	9,109	"	"	"	3,468	"	"	"	"	"
185 D.	Do.	Do.	"	"	6,328	"	"	"	10,365	"	"	"	3,638	"	"	"	"	"
186 A.	Mango	Do.	0.693	8	2,108	"	2,212	80	4,779	"	4,293	142	10,080	"	9,880	203	"	"
186 B.	Do.	Do.	"	"	2,610	"	"	"	3,808	"	"	"	8,680	"	"	"	"	"
187 A.	Gommier	Do.	0.720	"	3,666	"	3,633	78	5,336	"	5,555	141	1,456	"	"	"	"	"
187 B.	Do.	Do.	"	"	4,042	"	"	"	5,242	"	"	"	1,456	"	"	"	"	"
187 C.	Do.	Do.	"	"	3,340	"	"	"	6,018	"	"	"	4,256	194	4,004	208	"	"
187 D.	Do.	Do.	"	"	2,828	"	"	"	5,114	"	"	"	5,152	"	"	"	"	"
196 A.	Besf Wood	Do.	0.964	4	5,264	"	5,592	75	7,932	127	8,609	136	2,464	"	1,988	210	"	"
196 B.	Do.	Do.	"	"	5,320	"	"	"	8,848	"	"	"	1,512	"	"	"	"	"

198 A.	Laurel	Do.	9	3,248	3,530	75	6,076	5,798	141	4,228	8,598	208
198 B.	Do.	Do.	3	3,808	3,530	35	3,553	35	35	10,030	35	35
198 C.	Do.	Do.	3	3,686	3,530	35	3,011	35	35	10,080	35	35
198 D.	Do.	Do.	3	3,924	3,530	35	5,544	35	35	10,005	35	35
198 E.	Laurier Canelle	Do.	6	3,572	5,798	74	8,876	9,327	135	3,920	2,891	209
200 A.	Do.	Do.	3	6,272	35	35	9,940	35	35	1,932	35	35
200 B.	Do.	Do.	3	5,788	35	35	9,744	35	35	3,612	35	35
200 C.	Do.	Do.	3	5,552	35	35	9,538	35	35	2,101	35	35
200 D.	Do.	Do.	3	2,688	35	35	35	35	35	35	35	35
201 A.	Laurier Blanc	Do.	8	3,021	4,074	77	6,020	6,160	140	4,396	6,090	205
201 B.	Do.	Do.	3	4,452	35	35	6,894	35	35	7,781	35	35
201 C.	Do.	Do.	3	4,340	35	35	6,800	35	35	6,608	35	35
201 D.	Do.	Do.	3	4,134	35	35	35	35	35	4,172	35	35
201 A.	Do.	Do.	3	4,088	35	35	35	35	35	35	35	35
201 A.	Do.	Do.	3	1,928	35	35	35	35	35	35	35	35
201 A.	Do.	Do.	3	3,630	4,311	35	35	35	35	35	35	35
201 A.	Do.	Do.	3	3,012	35	35	35	35	35	35	35	35
201 A.	Do.	Do.	3	3,659	35	35	35	35	35	35	35	35
203 A.	Canaro	Do.	6	4,480	35	35	35	35	35	35	35	35
205 A.	Do.	Do.	3	4,029	35	35	35	35	35	35	35	35
205 C.	Do.	Do.	3	3,920	4,107	35	5,656	6,265	140	1,282	2,548	210
206 A.	Do.	Do.	7	4,228	35	35	7,168	35	35	1,080	35	35
206 B.	Do.	Do.	3	2,996	35	35	7,980	35	35	2,184	35	35
206 C.	Do.	Do.	3	3,948	35	35	4,258	35	35	35	35	35
206 D.	Do.	Do.	3	5,040	4,695	35	6,800	6,913	139	1,897	1,715	211
207 A.	Canaro	Do.	3	4,592	35	35	7,317	35	35	1,848	35	35
207 B.	Do.	Do.	3	3,553	35	35	7,418	35	35	2,100	35	35
207 C.	Do.	Do.	3	3,192	35	35	6,020	35	35	1,605	35	35
207 D.	Do.	Do.	3	3,392	4,622	76	35	35	35	35	35	35
208 A.	Do.	Do.	3	4,482	35	35	35	35	35	35	35	35
208 B.	Do.	Do.	3	3,472	35	35	35	35	35	35	35	35
208 C.	Do.	Do.	3	5,204	35	35	35	35	35	35	35	35
208 D.	Do.	Do.	6	1,114	3,864	77	5,696	5,628	141	7,672	7,009	204
212 A.	Balsam Capivi	Do.	3	3,584	35	35	9,856	35	35	6,347	35	35
212 B.	Savonette Jaune	Do.	3	6,406	6,713	73	9,856	10,262	134	8,624	7,980	203
214 A.	Do.	Do.	3	6,018	35	35	9,868	35	35	6,944	35	35
214 B.	Do.	Do.	3	7,108	35	35	9,968	35	35	6,272	35	35
214 C.	Do.	Do.	3	7,110	35	35	11,368	35	35	10,080	35	35
214 D.	Do.	Do.	1	7,280	35	35	12,796	35	35	5,451	5,451	206
216 A.	Purpleheart	Do.	5	7,653	7,168	72	11,872	11,884	134	3,021	3,021	207
217 A.	Looust	Do.	4	6,524	5,894	74	11,797	8,556	186	3,173	3,173	208
217 B.	Do.	Do.	3	5,600	35	35	9,520	35	35	5,012	35	35
218 A.	Do.	Do.	3	5,264	35	35	7,672	35	35	3,173	35	35
218 B.	Do.	Do.	3	5,998	35	35	8,925	35	35	4,228	35	35
218 C.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 D.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 E.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 F.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 G.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 H.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 I.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 J.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 K.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 L.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 M.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 N.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 O.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 P.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 Q.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 R.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 S.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 T.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 U.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 V.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 W.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 X.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 Y.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
218 Z.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 A.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 B.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 C.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 D.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 E.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 F.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 G.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 H.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 I.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 J.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 K.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 L.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 M.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 N.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 O.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 P.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 Q.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 R.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 S.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 T.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 U.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 V.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 W.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 X.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 Y.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
219 Z.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 A.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 B.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 C.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 D.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 E.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 F.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 G.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 H.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 I.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 J.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 K.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 L.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 M.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 N.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 O.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 P.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 Q.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 R.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 S.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 T.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 U.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 V.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 W.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 X.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 Y.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
220 Z.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
221 A.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
221 B.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
221 C.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
221 D.	Do.	Do.	3	5,998	35	35	35	35	35	35	35	35
221 E.	Do.	Do.										

TABLE IX.—continued.

No. of Specimens	Name	Colony	Table I.			Table II.			Table III.			Table IV.			Table V.			Table VI.			Table VII.			Table VIII.		
			Specific Gravity.	Page.	lbs.	Actual Breaking Weight.	Page.	lbs.	Mean Breaking Weight.	Page.	lbs.	Actual Direct Crushing Weight.	Page.	lbs.	Mean Direct Crushing Weight.	Page.	lbs.	Actual Transverse Crushing Weight.	Page.	lbs.	Mean Transverse Crushing Weight.	Page.	lbs.	Elasticity.	Page.	
219 A.	Tamarind	Trinidad	0.973	3	4,000	65	77	4,254	77	7,280	128	6,804	139	4,480	195	5,917	205	259								
219 B.	Do.	Do.	"	"	4,340	"	"	6,272	"	6,272	"	"	"	6,008	"	"	"	"	"	"	"	"	"	"		
219 C.	Do.	Do.	"	"	4,452	"	"	7,168	"	7,168	"	"	"	6,064	"	"	"	"	"	"	"	"	"	"		
219 D.	Do.	Do.	"	"	4,284	"	"	6,446	"	6,446	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
219 A.	Casse	Do.	1.017	"	4,618	"	"	5,362	74	6,384	"	7,970	137	7,056	"	5,152	206	"	"	"	"	"	"	"		
220 A.	Do.	Do.	"	"	4,670	"	"	6,557	"	6,557	"	"	"	6,408	"	"	"	"	"	"	"	"	"	"		
220 B.	Guadamar	Do.	1.079	2	10,080	"	"	9,576	72	13,636	"	13,370	134	5,301	"	5,884	205	"	"	"	"	"	"	"		
221 A.	Do.	Do.	"	"	10,080	"	"	9,576	"	13,636	"	13,370	"	5,301	"	"	"	"	"	"	"	"	"	"		
221 B.	Bois Mulatre	Do.	0.951	4	5,012	"	"	4,806	75	7,429	"	7,116	138	2,688	"	2,247	210	"	"	"	"	"	"	"		
222 A.	Do.	Do.	"	"	4,692	"	"	6,272	"	7,448	"	7,448	"	2,660	"	"	"	"	"	"	"	"	"	"		
222 B.	Do.	Do.	"	"	4,424	"	"	6,272	"	6,272	"	"	"	2,154	"	"	"	"	"	"	"	"	"	"		
222 C.	Do.	Do.	"	"	5,096	"	"	6,148	73	7,317	"	8,325	136	1,456	"	"	"	"	"	"	"	"	"	"		
223 A.	Angelin	Do.	0.808	5	5,264	"	"	6,148	73	8,811	"	8,325	"	3,920	"	3,584	209	249								
226 A.	Do.	Do.	"	"	6,372	"	"	7,840	"	7,840	"	"	"	3,248	"	"	"	"	"	"	"	"	"	"		
226 B.	Do.	Do.	"	"	6,421	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
226 C.	Do.	Do.	"	"	3,024	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
227 A.	Do.	Do.	"	"	3,024	"	"	3,040	79	4,704	"	4,554	142	10,080	"	10,080	208	"	"	"	"	"	"	"		
227 B.	Do.	Do.	"	"	3,024	"	"	4,406	"	4,406	"	15,352	135	5,000	"	5,506	206	"	"	"	"	"	"	"		
227 C.	Do.	Do.	"	"	3,024	"	"	6,104	75	10,732	"	8,554	136	5,000	"	5,506	206	"	"	"	"	"	"	"		
227 D.	Do.	Do.	"	"	5,180	"	"	6,550	"	8,852	"	8,554	"	5,000	"	5,506	206	"	"	"	"	"	"	"		
243 A.	Acacia or Mastic	Do.	1.100	"	6,644	"	"	6,550	"	8,852	"	8,554	"	5,000	"	5,506	206	"	"	"	"	"	"	"		
243 B.	Do.	Do.	"	"	6,644	"	"	6,550	"	8,852	"	8,554	"	5,000	"	5,506	206	"	"	"	"	"	"	"		
243 C.	Do.	Do.	"	"	6,644	"	"	6,550	"	8,852	"	8,554	"	5,000	"	5,506	206	"	"	"	"	"	"	"		
248 A.	Do.	Do.	0.554	9	4,632	"	"	3,255	78	6,132	"	5,761	141	3,024	"	8,316	203	"	"	"	"	"	"	"		
248 B.	Do.	Do.	"	"	4,632	"	"	3,255	78	6,132	"	5,761	141	3,024	"	8,316	203	"	"	"	"	"	"	"		
248 C.	Do.	Do.	"	"	4,632	"	"	3,255	78	6,132	"	5,761	141	3,024	"	8,316	203	"	"	"	"	"	"	"		
248 D.	Do.	Do.	"	"	4,632	"	"	3,255	78	6,132	"	5,761	141	3,024	"	8,316	203	"	"	"	"	"	"	"		
257 A.	Paul	Do.	"	"	5,192	"	"	4,928	"	4,928	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
257 B.	Do.	Do.	"	"	5,192	"	"	4,928	"	4,928	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
257 C.	Do.	Do.	"	"	5,192	"	"	4,928	"	4,928	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
257 D.	Do.	Do.	"	"	5,192	"	"	4,928	"	4,928	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
260 A.	Almond Tree	Do.	0.727	8	3,360	"	"	2,968	79	3,360	"	16,128	134	5,544	"	5,002	206	"	"	"	"	"	"	"		
260 B.	Do.	Do.	"	"	3,360	"	"	2,968	79	3,360	"	16,128	"	5,544	"	5,002	206	"	"	"	"	"	"	"		
262 A.	Olive	Do.	1.025	3	5,152	"	"	5,404	74	6,776	"	7,059	137	2,912	"	3,910	208	"	"	"	"	"	"	"		
262 B.	Do.	Do.	"	"	5,152	"	"	5,404	74	6,776	"	7,059	137	2,912	"	3,910	208	"	"	"	"	"	"	"		

282 C.	Do.	5.500	75	8.596	135	4.256	203	3.976	33	4.4
282 D.	Do.	6.076	73	8.736	135	4.443	203	3.976	33	4.4
285 A.	Red Mangrove	6.608	75	9.620	135	4.443	203	3.976	33	4.4
285 B.	Do.	5.264	75	8.714	135	4.443	203	3.976	33	4.4
287 A.	Wild Guava	4.648	75	8.251	135	4.443	203	3.976	33	4.4
290 A.	Do.	5.563	75	8.251	135	4.443	203	3.976	33	4.4
290 B.	Do.	4.704	75	8.251	135	4.443	203	3.976	33	4.4
290 A.D.	Do.	4.782	75	8.251	135	4.443	203	3.976	33	4.4
290 A.C.	Do.	4.905	75	8.251	135	4.443	203	3.976	33	4.4
290 A.D.	Do.	5.444	75	8.251	135	4.443	203	3.976	33	4.4
296 A.	Guinecate	7.840	73	9.632	135	4.443	203	3.976	33	4.4
296 B.	Do.	5.992	74	7.131	139	4.443	203	3.976	33	4.4
280 A.	Genipa	5.316	75	7.243	139	4.443	203	3.976	33	4.4
280 C.	Do.	5.432	75	6.645	139	4.443	203	3.976	33	4.4
280 D.	Do.	5.261	75	6.616	139	4.443	203	3.976	33	4.4
Victoria										
Peppermint Tree	Do.	5.376	67	9.940	130	4.443	203	3.976	33	4.4
1 A.	Do.	5.368	75	9.408	135	4.443	203	3.976	33	4.4
1 B.	Do.	5.320	75	9.520	135	4.443	203	3.976	33	4.4
1 C.	Do.	5.712	75	6.608	138	4.443	203	3.976	33	4.4
2 A.	Do.	5.096	75	7.056	138	4.443	203	3.976	33	4.4
2 B.	Do.	5.488	75	7.721	138	4.443	203	3.976	33	4.4
2 C.	Do.	4.536	75	7.448	138	4.443	203	3.976	33	4.4
2 D.	Do.	4.200	75	6.533	138	4.443	203	3.976	33	4.4
2 A.D.	Do.	4.368	75	7.317	138	4.443	203	3.976	33	4.4
2 A.C.	Do.	4.872	75	7.355	138	4.443	203	3.976	33	4.4
2 A.D.	Do.	5.012	75	7.725	138	4.443	203	3.976	33	4.4
3 A.	Coast Tree	4.144	75	6.882	138	4.443	203	3.976	33	4.4
3 B.	Do.	4.144	75	12.628	138	4.443	203	3.976	33	4.4
3 C.	Do.	4.144	75	6.405	140	4.443	203	3.976	33	4.4
3 D.	Do.	4.144	75	6.405	140	4.443	203	3.976	33	4.4
5 A.	Mint Tree	4.144	75	6.421	138	4.443	203	3.976	33	4.4
5 B.	Do.	4.144	75	6.421	138	4.443	203	3.976	33	4.4
5 C.	Do.	4.144	75	6.421	138	4.443	203	3.976	33	4.4
6 A.	Do.	4.144	75	6.421	138	4.443	203	3.976	33	4.4
6 B.	Do.	4.144	75	6.421	138	4.443	203	3.976	33	4.4
6 C.	Do.	4.144	75	6.421	138	4.443	203	3.976	33	4.4
7 A.	Do.	4.144	75	6.421	138	4.443	203	3.976	33	4.4
7 B.	Do.	4.144	75	6.421	138	4.443	203	3.976	33	4.4
7 C.	Do.	4.144	75	6.421	138	4.443	203	3.976	33	4.4
8 A.	Do.	4.144	75	6.421	138	4.443	203	3.976	33	4.4
8 B.	Do.	4.144	75	6.421	138	4.443	203	3.976	33	4.4
8 C.	Do.	4.144	75	6.421	138	4.443	203	3.976	33	4.4
8 D.	Do.	4.144	75	6.421	138	4.443	203	3.976	33	4.4

TABLE IX.—continued.

[illegible]

16 C.	Do.	-	-	-	3,136	33	5,525	33	5,525	33	6,421	33	3,012	33	242	33
16 D.	Do.	-	-	-	3,528	33	7,784	33	7,784	33	2,660	33	3,012	33	209	33
22 A.	Iron Blank Tree	-	-	-	6,381	33	8,624	33	8,624	33	3,080	33	3,012	33	209	33
22 B.	Do.	-	-	-	6,101	33	8,518	33	8,518	33	3,173	33	3,012	33	209	33
22 C.	Do.	-	-	-	6,101	33	8,518	33	8,518	33	3,173	33	3,012	33	209	33
22 D.	Do.	-	-	-	6,101	33	8,518	33	8,518	33	3,173	33	3,012	33	209	33
28 A.	Do.	-	-	-	6,720	33	8,639	33	8,639	33	4,368	33	4,137	33	208	33
28 B.	Do.	-	-	-	6,720	33	8,639	33	8,639	33	4,368	33	4,137	33	208	33
28 C.	Do.	-	-	-	6,720	33	8,639	33	8,639	33	4,368	33	4,137	33	208	33
28 D.	Do.	-	-	-	6,720	33	8,639	33	8,639	33	4,368	33	4,137	33	208	33
28 A.	Do.	-	-	-	5,516	33	8,639	33	8,639	33	4,368	33	4,137	33	208	33
28 B.	Do.	-	-	-	5,516	33	8,639	33	8,639	33	4,368	33	4,137	33	208	33
28 C.	Do.	-	-	-	5,516	33	8,639	33	8,639	33	4,368	33	4,137	33	208	33
28 D.	Do.	-	-	-	5,516	33	8,639	33	8,639	33	4,368	33	4,137	33	208	33
28 A.	Do.	-	-	-	4,480	33	8,120	33	8,120	33	3,444	33	4,006	33	203	33
28 B.	Do.	-	-	-	4,480	33	8,120	33	8,120	33	3,444	33	4,006	33	203	33
28 C.	Do.	-	-	-	4,480	33	8,120	33	8,120	33	3,444	33	4,006	33	203	33
28 D.	Do.	-	-	-	4,480	33	8,120	33	8,120	33	3,444	33	4,006	33	203	33
29 A.	Do.	-	-	-	3,528	33	7,784	33	7,784	33	3,696	33	3,672	33	204	33
29 B.	Do.	-	-	-	3,528	33	7,784	33	7,784	33	3,696	33	3,672	33	204	33
29 C.	Do.	-	-	-	3,528	33	7,784	33	7,784	33	3,696	33	3,672	33	204	33
29 D.	Do.	-	-	-	3,528	33	7,784	33	7,784	33	3,696	33	3,672	33	204	33
29 A.	Do.	-	-	-	5,096	33	8,400	33	8,400	33	5,488	33	7,784	33	204	33
29 B.	Do.	-	-	-	5,096	33	8,400	33	8,400	33	5,488	33	7,784	33	204	33
29 C.	Do.	-	-	-	5,096	33	8,400	33	8,400	33	5,488	33	7,784	33	204	33
29 D.	Do.	-	-	-	5,096	33	8,400	33	8,400	33	5,488	33	7,784	33	204	33
31 A.	Do.	-	-	-	3,136	33	2,360	33	2,360	33	10,080	33	9,456	33	203	33
31 B.	Do.	-	-	-	3,136	33	2,360	33	2,360	33	10,080	33	9,456	33	203	33
31 C.	Do.	-	-	-	3,136	33	2,360	33	2,360	33	10,080	33	9,456	33	203	33
33 A.	Grey Box Tree	-	-	-	2,688	33	3,135	33	3,135	33	6,302	33	6,302	33	203	33
33 B.	Do.	-	-	-	2,688	33	3,135	33	3,135	33	6,302	33	6,302	33	203	33
33 C.	Do.	-	-	-	2,688	33	3,135	33	3,135	33	6,302	33	6,302	33	203	33
33 D.	Do.	-	-	-	2,688	33	3,135	33	3,135	33	6,302	33	6,302	33	203	33
34 A.	Do.	-	-	-	5,292	33	4,886	33	4,886	33	7,735	33	4,001	33	203	33
34 B.	Do.	-	-	-	5,292	33	4,886	33	4,886	33	7,735	33	4,001	33	203	33
34 C.	Do.	-	-	-	5,292	33	4,886	33	4,886	33	7,735	33	4,001	33	203	33
34 D.	Do.	-	-	-	5,292	33	4,886	33	4,886	33	7,735	33	4,001	33	203	33
34 A.	Do.	-	-	-	5,292	33	4,886	33	4,886	33	7,735	33	4,001	33	203	33
34 B.	Do.	-	-	-	5,292	33	4,886	33	4,886	33	7,735	33	4,001	33	203	33
34 C.	Do.	-	-	-	5,292	33	4,886	33	4,886	33	7,735	33	4,001	33	203	33
34 D.	Do.	-	-	-	5,292	33	4,886	33	4,886	33	7,735	33	4,001	33	203	33
35 A.	Stringy Bark	-	-	-	4,928	33	8,430	33	8,430	33	5,793	33	3,834	33	33	33
35 B.	Do.	-	-	-	4,928	33	8,430	33	8,430	33	5,793	33	3,834	33	33	33
35 C.	Do.	-	-	-	4,928	33	8,430	33	8,430	33	5,793	33	3,834	33	33	33
35 D.	Do.	-	-	-	4,928	33	8,430	33	8,430	33	5,793	33	3,834	33	33	33
36 A.	White Gum Tree	-	-	-	3,248	33	2,639	33	2,639	33	4,519	33	10,080	33	203	33
36 B.	Do.	-	-	-	3,248	33	2,639	33	2,639	33	4,519	33	10,080	33	203	33
36 C.	Do.	-	-	-	3,248	33	2,639	33	2,639	33	4,519	33	10,080	33	203	33
36 D.	Do.	-	-	-	3,248	33	2,639	33	2,639	33	4,519	33	10,080	33	203	33
36 A.	Do.	-	-	-	2,800	33	4,792	33	4,792	33	6,449	33	2,805	33	209	33
36 B.	Do.	-	-	-	2,800	33	4,792	33	4,792	33	6,449	33	2,805	33	209	33
36 C.	Do.	-	-	-	2,800	33	4,792	33	4,792	33	6,449	33	2,805	33	209	33
36 D.	Do.	-	-	-	2,800	33	4,792	33	4,792	33	6,449	33	2,805	33	209	33
38 A.	Native Cherry Tree	-	-	-	4,060	33	4,792	33	4,792	33	2,576	33	2,192	33	33	33
38 B.	Do.	-	-	-	4,060	33	4,792	33	4,792	33	2,576	33	2,192	33	33	33
38 C.	Do.	-	-	-	4,060	33	4,792	33	4,792	33	2,576	33	2,192	33	33	33
38 D.	Do.	-	-	-	4,060	33	4,792	33	4,792	33	2,576	33	2,192	33	33	33



## APPENDIX.

EXTRACT FROM PART I. OF THE REPORTS ON THE  
PARIS EXHIBITION OF 1855.

*results of a Series of Experiments on the Strength and Resistance of various Colonial Woods, conducted at Paris by Capt. F. Fouke, R.E.*

THE various collections of specimens of their woods, contributed by different countries to the Paris Exhibition, naturally come under the general head of Forestry, and, as such, belong to the Second Class of the system of classification adopted by the Imperial Commission, and have, doubtless, been dealt with generally by the jury of that class; but when considered in reference to their particular qualification for special purposes, some of these descriptions of timber also enter into the classes which treat of those branches of Art or manufacture, and it is in this way, that in their character of woods of construction, they are found enumerated in the first section of Classes XIII. and XIV., in which classes they are not, however, considered in reference either to their culture, botany, or general properties, but particularly as regards those qualities by which they are rendered suitable for the purposes of the arts treated of in those classes, viz., naval and military art and civil construction; and their value in this respect being mainly affected by such material qualities as their strength, toughness, weight, and elasticity, the present seems not an improper place for introducing the results of a series of experiments on these points made during the Exhibition upon some of the specimens of woods then for the first time brought in competition with each other, and with the ordinary woods already employed by the shipbuilder and carpenter.

Of woods adapted for shipbuilding and construction generally, the principal collections in the Exhibition were contributed by India, Canada, Australia, British Guiana, Jamaica, Van Diemen's Land, &c. Specimens of woods for various purposes were exhibited by many foreign States, viz., France, Algeria, Austria, the Dutch Colonies, &c., but those from the British Colonies above mentioned come more directly under the head of Woods of Construction, and in the contributions sent to the Exhibition by these countries, the prominent place is given in each case to their valuable collection of specimens of native woods. Of these, many, as in the case of the Canadian and some of the Indian timbers, are well known and commonly used in this country, but on examining the Colonial catalogues long lists are found filled with the names and descriptions of various kinds of woods used and valued in the colonies to which they belong, but in most cases unknown in England, and of the merits of which, as compared with the known timbers of commerce, the colonists themselves are totally ignorant.

The present appearing a favourable opportunity for instituting a comparison between some of those woods and those better known in Europe, it was resolved to submit such of the specimens as could be obtained to a series of experiments, with a view to testing, as fully as possible, their qualities of strength, weight, toughness, elasticity, &c. Unfortunately,

the specimens sent were generally of such small dimensions as to be totally useless for any practical test of strength, and many of them were exhibited as specimens of some individual peculiarity of growth, or accident, rather than as average representations of the class of timber to which they belong. In the case of three colonies, viz., Australia, British Guiana, and Jamaica, there was, however, sufficient data for obtaining some knowledge as to the comparative value, &c. of a number of different descriptions of timber, some being largely used in the localities in which they are produced, and considered by the colonists to be superior, in many cases, to the woods commonly employed for similar purposes in England.

A very accurate and delicate hydraulic machine for testing the strength of materials having been placed at my disposal by Mr. Dunn, of Manchester, I commenced a series of experiments on such specimens as could be obtained from the Colonial Commissioners, which were carried on in the part of the Exhibition building devoted to machinery, during the months of July, August, and September, and of which the history and results are here given.

The testing machine consisted of a hydraulic press with the piston-rod furnished with a cross-head, working horizontally in cast-iron guides, and having a connecting rod attached to it reaching to the end of the guides; a small valve in the cylinder, furnished with a steelyard and moveable weight, gave the means of ascertaining to a great nicety the exact amount of pressure applied.

As it was desirable, for obtaining the best comparative results, that the woods should all be tested as nearly as possible under similar circumstances, a standard dimension was sought which should be the greatest common to all the specimens, and it was found that a scantling of two inches square, with a length of from 14 to 16 inches, was the greatest that could be obtained to fulfil this condition; a few examples would not quite come up to this scantling, and one or two would not quite give the required length, but on the whole it was thought better to reduce the results obtained from these by calculation, than to cut down the size of all the pieces operated on for the sake of the few. The Australian specimens were generally from 4 feet 6 inches to 5 feet in length, and about two inches square, and these were first experimented on at these dimensions, and afterwards reduced to the fixed standard.

The mode of proceeding was as follows—the specimens were first reduced to the standard dimension, squared and planed perfectly true, labelled with a number, and entered in a catalogue.

Each piece was then carefully weighed and its specific gravity calculated.

The first experiment made was to ascertain the breaking weight, the specimen being supported at the ends, and the strain being applied at right angles to its length, midway between the points of support.

The bearing chosen as the standard was 1 foot, that being the greatest that was common to all the specimens, and two flat iron bars were accordingly fixed to the extremities of the guides of the machine at that distance apart, to serve as the points of support, a piece of iron, having an opening in it of 3 inches square, was shackled on to the end of the connecting rod of the machine through which the piece of wood was passed; the two ends were then brought to bear equally on the points of support, and the square ring above mentioned adjusted to the centre; a piece of strong leather was interposed between the ring and the wood to prevent any abrasion of the fibre, which was likely otherwise to take place under heavy strains; the weight of the connecting rod and ring was then carefully counterpoised so as to avoid any disturbance of the strain from its true horizontal direction, and a slip of paper was fastened

by beeswax to the upper part of the specimen at its centre, on which to note the deflection.

The weight on the steelyard having been placed at zero, the pump was slowly worked until the steelyard showed the first symptoms of motion; a straight edge was then applied to the two fulcra or points of support, and a line ruled across a slip of paper attached to the specimen and marked 0. Experience showed that in general no very perceptible deflection took place until the strain had reached 500 kilogrammes (1,102 lbs. English), and to follow out the principle of treating all the woods alike, the plan adopted therefore was to mark the deflection at each successive 500 kilogrammes of strain until it reached 3,000 (6,612 lbs.). As it was found that the increase of deflection became more rapid as the point of fracture was approached, the deflection was noted at intervals of 250 kilogrammes (551 lbs.), instead of 500 kilogrammes, when the strain exceeded 3,000 kilogrammes.

The exact point of fracture was easily discernible, as the steelyard of the machine, which had been gradually rising under the pressure, instantly fell, and could not be raised by any subsequent action of the pumps.

This experiment was repeated with as many examples of each kind of wood as could be obtained, and the mean noted, throwing out such experiments as were evidently unsatisfactory from being performed on a faulty specimen, or from any other cause.

In order to ascertain the power of the woods to bear a crushing strain, a number of small pieces, each measuring exactly an inch cube, were cut from the specimens and squared and planed true, a square bar of steel was introduced into the ring of the machine, having its ends bearing on the supports above mentioned, and the cubic inch specimens were each submitted to a crushing strain between the ring and the steel bar; this strain was applied both in the direction of the grain and also in a transverse direction, forming two distinct series of experiments.

In applying the strain in a longitudinal direction, the specimen having been placed in position, a slip of paper was fastened to the top of the ring, and the steelyard having been brought to zero, and noted as before, the amount which each specimen yielded to the crushing strain was marked on the paper at each 500 kilogrammes (1,102 lbs.), in the same manner as has been already explained in the case of the deflection, until it finally gave way, the point of failure being well marked, as in the former experiment.

When the specimens were submitted to a transverse crushing strain the failure, instead of being marked and sudden, as in the former cases, took place by degrees, the fibre gradually yielding from the first moment of the strain being applied, but no actual fracture taking place; the method of proceeding was therefore changed, and all the specimens having been submitted to the same strain, the amount of compression which each experienced was carefully marked and measured as before.

As before mentioned, the specimens of wood from Australia were experimented upon separately, as in the first experiment, but with a bearing of four feet instead of one.

In recording the results of these experiments a separate table is first devoted to each description of wood, in which is given a detailed account of the various tests to which it has been submitted, remarking on any peculiarity either in the specimen or in its mode of fracture or conduct under pressure, and adding such particulars as could be had concerning each. The order followed is the same throughout, viz., first, the name of the colony in which the wood is produced, then the various denominations under which it is known, whether botanical, aboriginal, or colonial; a short description follows, containing such information as could be obtained concerning the description of tree producing the timber, its

abundance or scarcity in the colony, its proximity to the coast or to navigable rivers, the purposes to which the timber is applied in the colony, and the estimation in which it is held there for strength, durability under various circumstances, or any other valuable quality that it may possess; where its cost in the colony, per foot cube, could be ascertained, it is given, and the diameter and height of the tree is added, as affording an index of the size of timber possible to be obtained. Then follows the history of the experiments in the order described above.

At the end a resumé of the whole is given in a series of four tables, in which the woods are placed in the order of their value in that particular experiment to which the table refers.

Table No. 1. Specific gravity.

" No. 2. Transverse breaking weight.

" No. 3. Crushing strain in the direction of the fibre.

" No. 4. Transverse crushing strain.

In Table No. 2 the value of  $s$  is also given for each wood.

As for most purposes a timber acquires additional value from combining the properties of strength and lightness, a fifth table is added, in which the woods experimented upon are ranged in the order in which they stand as to the ratio of their strength to their specific gravity.

The steelyard of the testing machine having been graduated for French weights, the results of the experiments were noted in kilogrammes, and afterwards reduced into English pounds avoirdupois and decimal parts, and the deflections were marked in inches and decimals of an inch. This will account for the apparently irregular intervals at which the amounts of deflection and yielding were noticed.

FRANCIS FOWKE,  
Captain Royal Engineers.

*Note.*—In conducting and registering these experiments I was assisted by Corporal James Mack, of the Royal Sappers and Miners, who displayed the greatest zeal, intelligence, and ability throughout.

In the catalogue of Australian products contributed to the Paris Exhibition the following appears as an introduction to the list of woods indigenous to New South Wales. It is from the pen of W. McArthur, Esq., Chief Commissioner from that colony to the Exhibition, and the collector and exhibitor of the specimens of wood from which those experimented upon were taken; and, as the information which it affords gives additional value to any experiments on the woods of that colony, it is here given intact.

CATALOGUE OF SPECIMENS OF WOODS INDIGENOUS TO THE SOUTHERN DISTRICTS, collected by Mr. W. McARTHUR, and exhibited by the Commissioners, with remarks descriptive of the nature of the Trees, and the qualities of their Wood, so far as these could be ascertained.

A short description of the generic features of the kind of woodland from which have been collected the majority of the specimens. If woods hereafter described in detail with a few observations upon the general character of the latter, would seem to be a desirable introduction to the catalogue. They will be useful in rendering the subject more intelligible to all who have not had the opportunity of acquainting themselves by personal observation. For greater convenience the different descriptions of natural woodlands will be included under three classes; and the letter denoting its class will be inserted opposite to each specimen of wood.

*Class A.*—Forest more or less open, generally composed of trees with little or no underwood; their trunks more or less naked and lofty, height being a many of species feature than diameter; their heads small in proportion to the trunks, divided into few secondary or tertiary ramifications, and their clothed with persistent, dry, dull-coloured, thick, leathery leaves, forming an essential and a permanent deposit, adding little to the vegetable matter on the soil. The different species of *Eucalyptus* and *Angophora*, with *Melaleuca*, *Callistemon*, *Syncarpia*, and *Lophostemon*, compose the major trees which furnish all the common domestic hard wood timber used in Sydney and the adjoining districts. Occasionally these dry forests pass up to tracts crowded with trees, generally of a single species (still with little or no underwood), their trunks being drawn up to a great height, and of small diameter. The trees of this class are usually produced to a greater size, and with better quality of timber, on lands rather poor than good; the more fertile lands commonly producing trees of comparatively small dimensions, thinly scathed over their surface. The rich alluvial lands

on the margins of rivers are exceptions to this rule. They are almost always heavily timbered, and towards the coast their character passes from A. to C.

There are some characteristics applicable to the whole of the large trees of this class. When at full maturity they are rarely sound at heart, and even when they are so, the immediate heart-wood is of no value on account of its extreme brittleness. In sawing up logs into scantlings or boards, the heart is always rejected. The direction in which the larger species split most freely is never from the bark to the heart (technically speaking, the "bursting way"), but in eccentric circles round the latter. Some few of the smaller species of forest trees are exceptions to this rule; such as the different species of *Casurina Banksia*, and other species belonging to the natural order *Proteaceæ*: the latter, however, with little exception, belonging to Class B. They split most freely the "bursting way," as do the oaks, &c., of Europe and America. A very serious defect prevails amongst a portion of the trees of this class, to such extent as to demand especial notice here. It is termed "Gum vein," and consists simply in the extravasation, in greater or less quantity, of the gum resin of the tree in particular spots, amongst the fibres of woody tissue, and probably where some injury has been sustained; or, which is a much greater evil, in concentric circles between successive layers of the wood. The former is often merely a blemish, affecting the appearance rather than the utility of the timber; but the latter, when occurring frequently in the same section of the trunk, renders it comparatively worthless, excepting for fuel. In the latter case, as the wood dries, the layers with gum veins interposing separate from each other; and it is consequently impracticable to take from trees so affected a sound piece of timber, excepting of very small dimensions. The whole of the species of *Angophora*, or Apple-tree, and many of the *Eucalypti*, or Gums, are subject to be thus affected; and it is the more to be regretted, because it appears to be the only reason why many of the trees so blemished should not be classed amongst the most useful of the hard woods of the colony. Another characteristic among these hard woods is deserving of notice. Although the majority of them make excellent fuel, and are valuable on account of the comparative quantity of steam they are capable of generating, the greater part are slow to kindle, and a few of them will hardly burn at all. To this circumstance, probably, is to be attributed the small number of houses burnt in a climate and amongst a population likely to afford an unusual proportion of such accidents. Few of the species of *Eucalypti* are rich in potash, but several of the genus *Angophora* contain it abundantly.

It would be difficult to form even an approximate estimate of the number of species of Class A. producing good timber throughout the settled districts of New South Wales. It is believed that very few of them have a wide range; the same local names being applied many times over to different species in different districts.

**Class B.** Barren scrub, covered either wholly with low shrubby vegetation without trees, or with short-stemmed stunted trees, rarely or never producing serviceable timber. The same dry character of vegetation prevails over this description of country as over the last. The "bush-fires" which sweep over these barren scrubs once, at least, in every four or five years, effectually prevent the species which do not grow with naked trunks from obtaining the dimensions they might otherwise be susceptible of acquiring. At each burning the majority are killed to the ground to be reproduced from the collar. Good specimens of their wood for illustration are, therefore, scarcely attainable. It may be observed that the majority of the beautiful flowering shrubs of the colony have their habitats in this sort of country, which is always more or less rocky, stony, or sandy.

**Class C.**—Rich Brush or "Cedar Brush." Tracts of country rarely of great continuous breadth, but often alternating at short intervals with Class A., and prevalent only at moderate distances from the sea, or, at all events, to the eastward of the great dividing range.

This description of woodland often occupies country covered with rocks and stones, but of such geological character that a rich soil results from their decomposition. It usually follows the course of streams; and in country favourable, geologically speaking, to the formation of good land the cedar brushes fill up the valleys and the gorges of ravines with their dense vegetation. They are to be found in the greatest perfection at Illawarra, a few miles from the open seacoast, upon natural terraces skirting the mountain side at various elevations, up to 1,500 feet, and upon rich alluvial plains, particularly in the districts to the northward of Sydney, where they are described to be of great continuous extent. They produce few shrubs, but a variety of trees of considerable altitude, frequently of comparatively slender growth, almost universally clothed with beautiful, dense, bright green foliage, their umbrageous character being much increased by the numerous lofty lustrous clumbers ("bush ropes") which attain their topmost branches, and frequently throw themselves from tree to tree. At Illawarra and in some other districts four species of arboresecent ferns and two noble species of palms add materially to the tropical aspect of this description of country. A few of the trees of Class A. are to be observed thinly scattered through the cedar brushes. In such case they often attain the most magnificent dimensions, but their general character remains unaltered.

During the heats of summer the atmosphere of the cedar brushes is always much less dry, and the temperature more equable, than it is upon adjoining lands not clothed with rich vegetation. Bush fires rarely or never extend into their recesses, which are difficult to penetrate, even on foot, owing to the numerous irregularities of surface which prevail, and to the tangled nature of the vegetation. These difficulties apart, nothing can be imagined more charming to the beholder, especially where glades or natural openings occur, to enable him to comprehend the full grandeur of the still life around him. The extreme loftiness of the noble trees, which are thrown together in surprising variety; with stems, rarely cylindrical, but of the most picturesquely irregular forms, covered with mosses and orchids, and loaded aloft with huge masses of epiphytical ferns of exquisite beauty; all these vegetable wonders, viewed in the transparent, green, and almost sunless light which even on the brightest days pervades their recesses, combined

with the delicious fragrance and the agreeable temperature which in fine weather invariably characterizes the cedar brushes, astonish and gratify the lovers of sylvan scenery. But, although the senses are charmed, the difficulties in exploring them, to ascertain of what species of trees they consist, are very great; and still, for serious are the obstacles to be surmounted in getting out new trees when found. The common use of the wood of the cedar (*Cedrela Australis*) in joiners' and cabinet work, and its extensive importation to the neighbouring colonies and to Europe, have induced the sawyers to penetrate into every nook from whence sawn timber could be dragged out. But in seeking out this particular tree they would appear to have neglected all the rest. The most experienced amongst them have no names for a great number, and can give little information to be relied upon with regard to the qualities of their timber. They have been in the habit of confounding together numerous species under the general head of "brush trees." It requires careful and laborious investigation on the part of a stranger in these brushes to distinguish trees of even very different families; their foliage is often so far overhead, and so intermingled with that of the neighbouring trees and climbers, their trunks are so covered with epiphytes, and the light is so imperfect, that the tree often requires to be cut down to determine its identity; even then it frequently becomes further requisite to cut down several of the neighbouring trees, which have their branches attached to it by the "bush-ropes," before the tree will fall, and bring the foliage within the explorer's reach. The uncertainty of their periods of flowering and fruiting gives rise to further difficulty. On the present season, although they have been repeatedly examined at short intervals over a period of six months, comprising the seasons at which they might be expected to show flowers or fruit, it is remarkable how few have been detected in a fertile state. These few forming the exception rather than the rule with the particular species to which they belong, it would appear to be certain that the great majority of the trees of this class do not flower every year, and many of them only at long intervals. In proof of the intimate intermixture of many kinds of trees it may be stated that, skirting a narrow track through a cedar brush for about half a mile, more than sixty species were observed, all growing within twenty or twenty-five yards of the tracks; of these above three-fourths were of the stature of trees. It may be remarked, also, that no two brushes resemble each other precisely; fresh species of trees make their appearance in each succeeding brush, whilst others disappear. This characteristic seems to prevail wherever an opportunity of examining them closely has been afforded. The timber of the trees of this class differs remarkably from Class A. The grain is much finer; it is also, for the most part, sound at heart; and the heart-wood, if not shaken in the fall of the tree, may be used, as is the case with the timber trees of Europe; even when a very large size, and not sound at the butt, they are usually perfectly so a little higher up; they differ generally, also, from the trees of Class A, in spitting most freely the "bursting way." Although their qualities be so little known, it is not to be doubted that some of them would prove of great value. The very imperfect collection of them which has been made on this occasion affords evidence that some possess considerable beauty. At the same time it should be observed, that the timber of a considerable portion is not durable when exposed to the weather or to damp; and that, as a class, they are neither for strength nor besting qualities, to be compared with the numerous, more coarsely grained, but almost imperishable woods of Class A.

Mr. Holmes, the Commissioner for British Guiana, in supplying the prices and descriptions of the various specimens of wood from that colony, has also sent the following information, which is most important in a commercial point of view:—

The colony is intersected by numerous large rivers, navigable for vessels of large burthen, which can thus penetrate into the heart of primitive forests capable of affording an unlimited supply of timber, and, as in many parts of the colony the trees are cut down in the immediate vicinity of these rivers and creeks, the cost of the wood, which has been given wherever it could be ascertained, depends alone on the price of labour for felling and squaring.

### NEW SOUTH WALES.

No. 1.—Botanical name, *Tristania nerifolia*. Natural order, MYRTACEÆ. Aboriginal name, OORAMILLY. Local name, WATER GUM.

"A very fine tree, with lofty cylindrical boll; timber close-grained and elastic, valuable for boat-building. Common at Illawarra, high up the side of the mountain; requires to be seasoned carefully."

The average diameter of the tree is from 30 inches to 50 inches. The average height, from 100 feet to 130 feet.

Specific gravity of specimen, 1·001, water being 1·000.

NOTE.—The Weights are all reduced from Kilogrammes.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	12	1	3967·2
2	1 1	11	1	4848·8

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
1102 lbs.	0'12 in.	0'05 in.
2204	0'24	0'11
3306	0'50	0'19
4408	.	0'27

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre  
The Dimensions of the Specimens for ascertaining the Crushing Strain, unless otherwise stated, are 1 inch cube.

Strain applied.	Amount yielded.
11020 lbs.	0'04 in.
Crushing Weight	11020 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204 lbs.	0'12 in.
4408	0'18
6612	0'27
8816	0'61

No. 2.—Botanical name, *Eucalyptus pillularis*. Natural order, MYRTACEÆ. Local name, MOUNTAIN ASH, or WHITE or WILLOW TOP.

"A remarkable specimen of Eucalyptus, found only on the summits of rocky or stony ranges; common over a wide extent of the great dividing range; with very dark-coloured rugged outer bark on the trunk, and smooth white bark on the branches; timber very hard, tough, and durable; much prized for poles and shafts of drays. Specimen collected very indifferent."  
The average diameter of the tree is from 36 inches to 60 inches. The average height, from 100 feet to 130 feet.

Specific gravity of specimen, 1'110.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	12	1	7824'2
2	1 2	12	1	8205'0
3	1 2	12	1	8044'6
4	1 2	12	1	7934'4
5	1 2	12	1	

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102 lbs.	.	0'05 in.	5310 lbs.	.	0'22
2204	1'69 in.	0'09	6612	.	0'26
3306	.	0'18	7714	.	0'3
4408	.	0'17			

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
11020 lbs.	0'07 in.
Crushing Weight	11020 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
8816 lbs.	0'12 in.

No. 3.—Botanical name, *Eucalyptus media*. Natural order, MYRTACEÆ.  
Aboriginal name, YARR WARRA. Local name, BLACK BUTT.

"One of the largest of the Eucalypti, producing excellent durable timber for house carpentry, or any purpose where strength and durability are the chief requisites; attains upwards of 30 feet in circumference, but in such cases is always very hollow."  
The average diameter of the tree is from 36 inches to 72 inches. The average height is from 100 feet to 200 feet.

Specific gravity of specimens, 0.891.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1 $\frac{1}{2}$	4	3857.0
2	1 3	1 $\frac{1}{2}$	1	8154.8
3	1 3	1 $\frac{1}{2}$	1	7754.7
4	1 3	1 $\frac{1}{2}$	1	5510.0
5	1 3	1 $\frac{1}{2}$	1	6281.4
6	1 3	1 $\frac{1}{2}$	1	6612.0
7	1 3	1 $\frac{1}{2}$	1	8154.8
8	1 3	1 $\frac{1}{2}$	1	7229.1

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102 lbs.	. . .	0.12 in.	4408 lbs.	. . .	0.14 in.
2204	. . .	No	5510	. . .	0.2
3306	0.56 in.	appreciable difference.	6612	. . .	0.25
			7163	. . .	0.20
			7714	. . .	0.44

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre

Strain applied.	Amount yielded.
4408 lbs.	0.03 in.
6612	0.04
8816	0.06
11020	0.18
Crushing Weight	11020.0 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204 lbs.	. . . 11 in.	6612 lbs.	. . . 0.60 in.
3304	. . . 44	8816	. . . 0.64
4408	. . . 56		

No. 4.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ.  
Aboriginal name, GNAULI. Local name, WOOLLY BUTT.

"Very large and fine timber tree; its wood much prized for felloes of wheels, and other work requiring strength and toughness."  
The average diameter of the tree is from 36 inches to 72 inches. The average height from 100 feet to 150 feet.

Specific gravity of specimen, 1.005.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1 $\frac{1}{2}$	4	3085.6
2	1 3	1 $\frac{1}{2}$	1	7273.2
3	1 3	1 $\frac{1}{2}$	1	4518.2
4	1 3	1 $\frac{1}{2}$	1	4738.6
5	1 3	1 $\frac{1}{2}$	1	3857.0

**SECOND EXPERIMENT, for noting the Deflection.**  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102 lbs.	- - -	0'03 in.	5510 lbs.	- - -	0'19 in.
2204	0'81 in.	0'04	6612	- - -	0'21
3306	- - -	0'08	7714	- - -	0'34
4408	- - -	0'13			

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
1102 lbs.	Nothing perceptible.	4408 lbs.	0'04 in.
2204	0'03 in.	5510	None perceptible.
3306	No perceptible increase.	6612	0'07 in.
	Crushing Weight		7063'8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
1102 lbs.	Not perceptible.	5510 lbs.	0'31 in.
2204	0'07 in.	6612	0'34
3306	0'13	7714	0'36
4408	0'21	8816	0'4

No. 5.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ.  
 Aboriginal name, BARREMMMA. Local name, IRON BARK.

"The timber of this rugged-looking tree is of the highest reputation for strength and durability; differs from the Iron Barks of Cumberland and Camden."  
 The average diameter of the tree is from 36 inches to 72 inches. The average height is from 100 feet to 150 feet.  
 Specific gravity of specimen, 1'032.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. in.	In Square.		
1	4 6	1 1/2	4	3416'2
2	1 3	1 1/2	1	8485'4
3	1 3	1 1/2	1	8816'0
4	1 3	1 1/2	1	9120'7

REMARK.—All the specimens evidenced great toughness, even after fracture, the part separating with great difficulty.

**SECOND EXPERIMENT, for noting the Deflection.**  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102 lbs.	Not perceptible.	0'03 in.	5510 lbs.	- - -	0'16 in.
2204	0'92 in.	0'05	6612	- - -	0'19
3306	1'51	0'08	7163	- - -	0'23
4408	- - -	0'12	7714	- - -	0'28

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
1102 lbs.	No perceptible yielding up to 8816 lbs.
8816	0'01 in.
9918	0'11
Crushing Weight	9920'7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse direction.

Strain applied.	Amount yielded.
1102 lbs.	—
2204	0.05 in.
3306	—
4408	0.52, at which point the specimen crushed to pieces.

No. 6.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ.  
Aboriginal name, TDJETLAT BARROUL-GOURA. Local name, BLUE GUM OF CAMDEN.

"A very valuable timber, harder, tougher, more interlocked in grain, and more durable than the common Blue Gum; but not obtainable of nearly such large size: one of the most durable woods known; excellent for maves and felloes of wheels, and for work under ground."

The average diameter of the tree is from 36 inches to 48 inches. The average height from 80 feet to 100 feet.

Specific gravity of specimen, 0.843.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
1	5 0	1 1/2	4	2855.8
2	1 2	1 1/2	1	3306.0
3	1 3	1 1/2	1	5621.0
4	1 3	1 1/2	1	4518.2

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
1102 lbs.	0.02 in.	—
2204	0.04	0.10 in.
3306	—	0.19

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204 lbs.	0.04 in.
4408	0.07
6612	0.09
8816	0.19
Crushing Weight	8818.4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
4408 lbs.	0.08 in.
6612	0.26
8816	0.64

No. 7.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ.  
Aboriginal name, NGNOOROO-WARRA. Local name, BOX OF ILLA-WARRA.

"Another Eucalyptus, with magnificent timber: the wood exceedingly hard, tough, and durable."

The average diameter of the tree is from 48 inches to 72 inches. The average height from 120 feet to 180 feet.

Specific gravity of specimen, 1.170.

**FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.**

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1 $\frac{1}{2}$	4	4518'2
2	1 1	1 $\frac{1}{2}$	1	11240'4

**SECOND EXPERIMENT, for noting the Deflection.**  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102 lbs.	0'04 in.	None perceptible.	5510 lbs.	.	1'1 in.
2204	0'05	0'02 in.	6612	.	1'13
3306	0'14	0'05	7163	.	0'16
4408	0'52	0'09	7714	.	0'19

**THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.**  
 Strain applied. Amount yielded.  
 8816 lbs. 0'05 in.  
 Crushing Weight : : : : 9920'7 lbs.

**FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.**  
 Strain applied. Amount yielded.  
 2204 lbs. 0'45 in.  
 3306 . 0'06  
 4408 . Split all to pieces.

No. 8.—Botanical name, *Eucalyptus corymbosa*. Natural order, MYRTACEÆ. Aboriginal name, BOURRAYRRA-GOURKOO. Local name, TRUE BOX OF CAMDEN.

"A low, branching species of Eucalyptus, not very abundant; timber of excellent quality."  
 The average diameter of the tree is from 18 inches to 36 inches. The average height, from 30 to 50 feet.  
 Specific gravity of specimen, 0'970.

**FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.**

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1 $\frac{1}{2}$	4	3086'4
2	1 3	1 $\frac{1}{2}$	1	4628'4
3	1 3	1 $\frac{1}{2}$	1	4518'2
4	1 3	1 $\frac{1}{2}$	1	4518'2
5	1 3	1 $\frac{1}{2}$	1	4959'0
6	1 3	1 $\frac{1}{2}$	1	5833'6

**SECOND EXPERIMENT, for noting the Deflection.**  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204'6 lbs.	.	0'04 in.
3306'9	.	0'11
1109'2	.	0'20

## THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre

Strain applied.	Amount yielded.
8818 lbs.	00'9 in.
Crushing Weight	8818 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs.	0'08 in.	6613'8 lbs.	0'55 in.
3306'9	0'47	7164'9	0'53
4409'2	0'50	7718'1	0'59
5611'5	0'53		

No. 9.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ. Aboriginal name, BOUR-ROUGNE. Local name, STRINGY BARK OF CAMDEN.

"A species yielding timber much prized for flooring boards and house carpentry, of considerable strength and durability; differs from the Stringy Bark of the Coast. The average diameter of the tree is from 24 inches to 51 inches. The average height, from 50 feet to 100 feet.

Specific gravity of specimen, 0'864.

## FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. in.	In. square.	Feet.	Lbs.
1	5 0	1½	4	2755 7
2	1 4	1½	1	3086 4
3	1 4	1½	1	2838'0
4	1 4	1½	1	3262'3

## SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
1102'3 lbs.	0'04 in.	—
2294'6	0'84	0'08 in.

## THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204'6 lbs.	0'02 in.
4409'2	0'04
6613'8	0'08
8818'4	0'12
Crushing Weight	8818'4 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'26 in.
4409'2	0'52
6613'8	0'58

No. 10.—Botanical name, *Casuarina* Sp. Natural order, CASUARINACEÆ. Aboriginal name, COOM-BAU. Local name, FOREST SWAMP OAK.

"Small tree, usually forming small, detached, dense thickets in open forest ground, where the situation is moist; wood tolerably close, prettily marked, not durable, but much used where lightness and toughness are required."

The average diameter of the tree is from 12 inches to 30 inches. The average height, from 40 feet to 80 feet

Specific gravity of specimen, 0'661

**FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.**

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1 $\frac{1}{2}$	4	2314·8
2	1 3	1 $\frac{1}{2}$	1	4629·6
3	1 3	1 $\frac{1}{2}$	1	3416·2
4	1 3	1 $\frac{1}{2}$	1	3195·8

**SECOND EXPERIMENT, for noting the Deflection.**

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204·6 lbs.	1·49 in.	0·09 in.
3306·9	· · · · ·	0·18
4409·2	· · · · ·	0·30

**THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.**

Strain applied.	Amount yielded.
2204·6 lbs.	· · · · · 0·03 in.
4409·2	· · · · · 0·05
Crushing Weight	· · · · · 5511·5 lbs.

**FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.**

Strain applied.	Amount yielded.
2204·6 lbs.	· · · · · 0·18 in.
4409·2	· · · · · 0·35
6613·8	· · · · · 0·42
8818·4	· · · · · 0·46

No. 11.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ. Aboriginal name, BARROUL-GOURRA. Local name, BASTARD Box.

"The most unsightly, perhaps, of all the Eucalypti in appearance, generally very much decayed at the heart before it attains its full stature. Its timber is, nevertheless, in high repute for great strength and durability; for the poles and shafts of drays and carts, and for the spokes of wheels, it is supposed to have no equal."

The average diameter of the tree is from 24 inches to 48 inches. The average height, from 60 feet to 100 feet.

Specific gravity of specimen, 1·115.

**FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.**

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1 $\frac{1}{2}$	4	3571·3
2	13 7 $\frac{1}{2}$	1 $\frac{1}{2}$	1	5510·0
3	1 3	1 $\frac{1}{2}$	1	6435·0
4	1 3	1 $\frac{1}{2}$	1	5790·4

**SECOND EXPERIMENT, for noting the Deflection.**

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
1102·3 lbs.	· · · · · 0·05 in.	0·08 in.
2204·6	· · · · · 0·88	0·12
3306·9	· · · · ·	0·19
4409·2	· · · · ·	0·23

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
6613'8 lbs.	0'02 in.
8818'4	0'03
Crushing Weight	9700'2 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'06 in.—crushed to pieces.

No. 12.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ.  
Local name, SWAMP MAHOGANY, CAMDEN.

"A fine species, with handsome foliage, yielding fine timber, but not of such strength and durability as many other kinds."

The average diameter of the tree is from 36 inches to 48 inches. The average height, from 80 feet to 100 feet.

Specific gravity of specimen, 0'864.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1½	4	2425'0
2	14 0	1½	12	6061'0
3	14 0	1½	12	5289'6

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204'6 lbs.	0'97 in.	—

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204'6 lbs.	0'03 in.
4409'2	0'05
6613'8	0'07
8818'4	0'12
Crushing Weight	8814'8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs.	0'12 in.	6613'8 lbs.	0'10 in.
3306'9	0'18	7718'1	0'41
4409'2	0'24	8818'4	0'45
5511'5	0'35		

No. 13.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ.  
Aboriginal name, TERRI-BARRI. Local name, ROUGH-LEAVED, ROUGH-BARKED IRON BARK.

"One of the species which yield the strongest and most durable timber: bark very rugged and durable. This tree has been proposed for their emblem by the colonists of New South Wales."

The average diameter of the tree is from 24 inches to 48 inches. The average height, from 80 feet to 100 feet.

Specific gravity of specimen, 1'016.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1½	4	4519'4
2	1 3	1½	1	8154'8
3	1 3	1½	1	8285'0

**SECOND EXPERIMENT, for noting the Deflection.**  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204.6 lbs.	0.03 in.	0.05 in.
3306.9	0.70	0.09
4409.2	1.53	0.11
5511.5	.	0.16
6613.8	.	0.20
7716.1	.	0.27

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
1023.0 lbs.	0.09 in.
13227.6	0.10
Crushing Weight	13227.6 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204.6 lbs.	0.05 in.	5511.7 lbs.	0.66 in.
3306.9	0.53	6613.8	0.67
4409.2	0.57	7716.1	0.69

No. 14.—Botanical name, *Tristania* Sp. Local name, HICKORY.

"A tree of a peculiarly different from No. 1, common at Ilawarra, and in high repute for its hardness and strength. Collected at Brisbane Water, where it grows on low, moist land, and never attains the dimensions of No. 1, at Ilawarra. The latter was found only high up the mountain. Not having found a single specimen of No. 14 in a state of fructification, the question of the identity of the two Nos. seems to be doubtful."

The average diameter of the tree is from 24 inches to 36 inches. The average height, from 80 feet to 120 feet.

Specific gravity of specimen, 0.743.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1 1/4	4	4183.7
2	1 2	1 1/4	1	4403.0

**SECOND EXPERIMENT, for noting the Deflection.**  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
1102.3 lbs.	0.02 in.	0.06 in.
2204.6	0.09	0.14
3306.9	0.24	0.21
4409.2	—	0.32

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
6613.8 lbs.	0.11 in.
Crushing Weight	7052.8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204.6 lbs.	0.27 in.
3306.9	0.44
5511.5	0.49
7716.1	0.52

No. 15.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ.  
Local name, MAHOGANY.

"A noble timber tree; its wood much prized for its strength and durable qualities. One of the specimens is from a principal rafter of the roof of Parramatta Church, built in 1798. One face of this specimen shows the original surface of the rafter." The average diameter of the tree is from 30 inches to 70 inches. The average height, from 60 feet to 130 feet.

Specific gravity of specimen, 0·852.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	17	4	2978·1
2	1 2	17	1	8485·4
3	1 2	17	1	7559·7

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204·6 lbs.	0·43 in.	0·04 in.
3306·9	" " " "	0·08
4409·2	" " " "	0·11
5511·5	" " " "	0·15
6613·8	" " " "	0·20

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.

Amount yielded.

9920·7 lbs.

0·03 in.

Crushing Weight : : : : 9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
3306·9 lbs.	0·31 in.	6613·8 lbs.	0·40 in.
4409·2	0·33	7718·1	0·44
5511·5	0·36	8818·4	0·46

No. 16.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ.  
Local name, GREY GUM.

"A fine hard wood timber, from the neighbourhood of Windsor."

The average diameter of the tree is from 24 inches to 48 inches. The average height, from 60 feet to 100 feet.

Specific gravity of specimen, 0·927.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	17	4	3507·3
2	1 3	17	1	7163·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
204·6 lbs.	0·02 in.	—
409·2	0·44	—

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs. . . . .	0·02 in.	8818·4 lbs. . . . .	0·08 in.
4409·2 . . . . .	0·04	9920·7 . . . . .	0·12
6613·8 . . . . .	0·06		
Crushing Weight . . . . .			9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction

Strain applied.	Amount yielded.
2204·6 lbs. . . . .	0·07 in.
4409·2 . . . . .	0·44
6613·8 . . . . .	0·66
8818·4 . . . . .	0·87

## BRITISH GUIANA.

No. 17.—Aboriginal name, CABACALLI. Local name, CABACALLI.

“From Berbice River: grows tall and straight, and will square from 12 to 18 inches for 40 to 50 feet in length. The wood is heavy and close-grained: it possesses a bitter principle, which protects it against the attacks of worms, and renders it durable under water. It must, however, be fastened with copper nails. Of the branches timbers and poles for every description of craft are made, which are quite as lasting as those of Mora.”

Its cost in Guiana, at a wood-cutting establishment, is 1s. to 1s. 4d. per cubic foot.  
Specific gravity of specimen, 0·893.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	1 2½	2	1	7163·0
2	1 2½	2	1	7163·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204·6 lbs. . . . .	. . . . .	0·04 in.
3306·9 . . . . .	. . . . .	0·09
4409·2 . . . . .	. . . . .	0·12
5511·5 . . . . .	. . . . .	0·17
6613·8 . . . . .	. . . . .	0·21

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
9920·7 lbs. . . . .	0·15 in.
Crushing Weight . . . . .	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs. . . . .	0·03 in.	6613·8 lbs. . . . .	0·36 in.
3306·9 . . . . .	0·06	7716·1 . . . . .	0·41
4409·2 . . . . .	0·26	8818·4 . . . . .	0·45
5511·5 . . . . .	0·30		

No. 18.—Botanical name, *Mora Excelsa*. Aboriginal name, MORA.  
Local name, MORA.

“From Berbice River: the most majestic tree of the forests of Guiana, attains a height of from 100 to 150 feet and is frequently found 60 feet in height without a branch: when of this length it will square 18 or 20 inches, but is then seldom sound throughout. The wood is extremely tough, close and cross-grained, so that it is difficult to split, which renders it peculiarly adapted for shipbuilding. The trunk makes admirable keels, timbers, and beams, and the branches, having a natural crookedness of growth, are unsurpassed as knees. Weapons of-war made with this wood, little mischief would be occasioned by splinters during action. In most respects it is superior to oak, particularly in its exemption from dry rot. This, as well as Greenheart, ranks as one of the

eight first-class woods at Lloyd's for shipbuilding. It is abundant along the rivers of the coast region; it grows luxuriantly on sand reefs and on tract of barren clay, known as "Mora clay." The importance of the Mora in naval architecture is now fully recognized in Great Britain, and a new export trade has been opened to the colony. On the upper Barima this tree is so abundant, and grows to such a size, that the whole British Navy might be reconstructed merely from the trees which line its banks, a circumstance well worth consideration, for the river being navigable to vessels of 12 feet draught, the craft intended for the transport of the timber might load at the very spot where the trees are cut down. The bark of the Mora is used for tanning, the seeds also are said to be beneficial in cases of diarrhoea. The specimen sent is indifferent.

Cost, at wood-cutting establishment in Guiana, 1s. to 1s. 6d. per cubic foot.

Specific gravity of specimen, 0·922, water being 1·000.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	1 2	2	1	9697·6

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102·3 lbs.	0·02 in.	—	5511·5 lbs.	0·18 in.	—
2204·6	0·05	—	6613·8	0·16	—
3306·9	0·09	—	7764·9	0·19	—
4409·2	0·12	—			

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
9920·7 lbs.	0·30 in.
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·17 in.	5511·5 lbs.	0·33 in.
3306·9	0·10	6613·8	0·33
4409·2	0·19	8818·4	0·50

No. 19.—Botanical name, *Piratinera Guianensis*, Aubl. Aboriginal name, BOURRA COURRA PAIRA. Local name, LETTER WOOD, or SNAKE WOOD.

\* From Berbice River: this tree is scarce within several hundred miles of the sea-coast, is often from 50 to 70 feet high, and from 2 to 3 feet in diameter. The outer part of the wood is white and very hard; the heart is of great weight, hardness, and solidity; variegates with black spots of different size and figure, which gives rise to its name, "Letter Wood," and "Snake Wood."

It is susceptible of a brilliant polish, but the small size of the mottled part, and its great value even in the colony, limits its use almost entirely to veneering, to picture frames, and to small pieces of furniture.

Cost, 8d. per lb. Specific gravity of specimen, 0·999.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	In.	Lbs.
1	1 0	2	9½	11217·8

## SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
2204·6 lbs.	0·02 in.	Nil.	6613·8 lbs.	0·08 in.	Nil.
3306·9	0·03		7164·9	0·09	
4409·2	0·05		7716·1	0·10	
5511·5	0·07				

## THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
13227·6 lbs.	0·03 in.
Crushing Weight	14105·6 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·03 in.	6613·8 lbs.	0·17 in.
3306·9	0·08	7716·1	0·22
4409·2	0·10	8818·4	0·27
5511·5	0·14		

No. 20.—Botanical name, ——. Aboriginal name, HOUBABALLI.  
Local name, HOUBABALLI.

"A light brownish wood, beautifully variegated with black and brown streaks; easily worked, and makes beautiful furniture and cabinetwork. It may be had from 15 to 20 inches square, and from 40 to 70 feet long. The tree is by no means scarce, but is frequently found hollow in the centre, which often renders it useless."

Price in Guiana, at a wood-cutting establishment, 1s. 6d. to 2s. per cubic foot.  
Specific gravity of specimen, 0·810.

## FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	4518·2

## SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·08 in.
3306·9	0·13
4409·2	0·26

## THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·02 in.
4409·2	0·04
5511·5	0·13
Crushing Weight	5411·5 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction

Strain applied.	Amount yielded.
2204·6 lbs.	0·45 in.
4409·2	0·51
6613·8	0·55
8818·4	0·60



THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs. . . . .	0'04 in.	7716'1 lbs. . . . .	1'00 in.
4409'2 . . . . .	0'06	8818'4 . . . . .	1'04
6613'8 . . . . .	0'08		
Crushing Weight . . . . .			8818'4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs. . . . .	0'35 in.	6613'8 lbs. . . . .	0'51 in.
3306'9 . . . . .	0'42	8818'4 . . . . .	0'55
4409'2] . . . . .	0'47		

No. 23.—Botanical name, ——. Aboriginal name, COWASSA. Local name, WILD MAMMEE.

"A hard, close-grained wood, of a rich brown colour, prettily waved, and fitted for furniture and cabinet work."

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In. 1 2	In. square. 1½	Foot. 1	Lbs. 4363'9

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204'6 lbs.	0'07 in.
3306'9	0'19

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
11023'0 lbs. . . . .	0'04 in.
33227'6 . . . . .	0'05
Crushing Weight . . . . .	13227'6 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs. . . . .	0'10	5613'8 lbs. . . . .	0'51 in.
3306'9 . . . . .	0'18	7716'1 . . . . .	0'53
4409'2 . . . . .	0'45	8818'4 . . . . .	0'55
6511'5 . . . . .	0'48		

No. 24.—Botanical name, *Copaifera Pubiflora* and *Bracteata*, Benth. Aboriginal name, MARIWAYANA. Local name, PURPLE HEART.

"Rather a scarce tree in the coast regions, being found chiefly in the mountainous tracts above the cataracts. There are several varieties or species, but all much alike, possessing great strength and durability. Used for mortar beds, being adapted for sustaining the shocks produced by the discharge of artillery."

Price in colony, 1s. 6d. to 2s. per cubic foot. Specific gravity of specimen, 0'679.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In. 1 2	In. square. 2	Foot. 1	Lbs. 6391'
1				

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102'3 lbs.	0'02 in.
2204'6	0'06
3306'9	0'09
4409'2	0'12
5511'5	0'16

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204'6 lbs.	0'05 in.
4409'2	0'06
6613'8	0'08
8818'4	0'11
Crushing Weight	9920'7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'05 in.
4409'2	0'10
6613'8	0'18
8818'4	0'56

No. 25.—Botanical name, —. Aboriginal name, WAMARA. Local name, BROWN EBONY.

"A hard, cross-grained wood, not apt to split, and therefore well-adapted for ship-building. Sir R. Schomburgk describes it as a scarce tree, attaining a great height; but the only part used is the heart, which is dark brown, and often streaked. Its hardness and weight cause it to be preferred by the Indians for their war-clubs. It may be had from 6 to 12 inches square, and from 20 to 40 feet long."

Specific gravity of specimen, 1'034.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	12122'0

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102'3 lbs.	0'01 in.
2204'6	0'06
4409'2	0'08
5511'5	0'09
6613'8	0'10
7164'9	0'13

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
11023'6 lbs.	0'07 in.
12125'3	0'09
Crushing Weight	12566'2 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs.	0'06 in.	6613'8 lbs.	0'37 in.
3306'9	0'10	7716'1	0'46
4409'2	0'11	8818'4	0'55

No. 26.—Botanical name, *Erythrina corallodendron* (LIN.) Aboriginal name, BARACARA. Local name, BARACARA.

"From Berbice River. A hard, close, and even-grained wood. The tree produces the red seeds of which necklaces, bracelets, &c., are made."  
Specific gravity of specimen, 0.809.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.		
1	1 2	2	1	Lbs. 8954.9
2	1 5	2	1	8044.6

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102.3 lbs.	0.03 in.	0.15 in.	5511.5 lbs.	0.24 in.	0.24 in.
2204.6	0.09	0.19	6613.8	0.30	0.45
3306.9	0.12	0.22	7161.9	0.33	
4409.2	0.16	0.27	7716.1	0.36	0.68

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.  
Strain applied. Amount yielded.

2204.6 lbs.	.	.	.	.	0.02 in.
4409.2	.	.	.	.	0.03
6613.8	.	.	.	.	0.07
8818.4	.	.	.	.	0.10
Crushing Weight	.	.	.	.	8818.4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.  
Strain applied. Amount yielded.

2204.6 lbs.	.	0.24 in.	6613.8 lbs.	.	0.52 in.
3306.9	.	0.34	7716.1	.	0.55
4409.2	.	0.42	8818.4	.	0.56
5511.5	.	0.51			

No. 27.—Botanical name, *Nectandra Rodiei* (SCHOMB.) Aboriginal name, SIFIRU, BIRIRU. Local name, GREENHEART (yellow variety).

"From Masaruni River. This tree is very abundant within 100 miles of the coast region, and its timber, squaring from 18 to 24 inches, may be had without a knot from 60 to 70 feet long. It is a fine, even-grained, hard wood, well adapted for planking vessels, house-frames, wharves, bridges, and other purposes where great strength and durability are required. As it is unsurpassed in resistance to tensile and compressive strains, it is admirable for keelsons and for ship timbers. It ranks as one of the eight first-class woods at Lloyd's for shipbuilding."

Specific gravity of specimen, 1.052.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.		
1	0 11½	2	9½	Lbs. 14528.0

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	
	Specimen 1.	
2204.6 lbs.	0.09 in.	
3306.9	0.03	
4409.2	0.03	
5511.5	0.07	
6613.8	0.03	
7716.1	0.09	

## THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
4409'2 lbs.	0'03 in.	11023'0 lbs.	0'00 in.
6613'8	0'05	12125'3	0'20
8818'4	0'07		
Crushing Weight			12125'3 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs.	0'04 in.	5511'5 lbs.	0'10 in.
3306'9	0'06	6613'8	0'11
4409'2	0'08		

No. 28.—Botanical name, *Nectandra Rodaei* (SCHOMB.) Aboriginal name, SIPIRI BIBIU. Local name, GREENHEART (black variety).

"From Masarami River. This wood is used for the same purposes as the yellow Greenheart but it is considered very durable. It is a handsome wood, and takes a high polish. It is distinguished from the common Greenheart only by the colour of the wood: but it is so scarce in proportion to the brown or yellow, that not more than 1 in 20 of trees cut down are found to belong to this variety. This wood is in great request, on account of its well-known durability, being preferred to all others for wheel shafts, spindles, and mill works in general."

Specific gravity of specimen, 1'089.

## FIRST EXPERIMENT, for ascertaining the Breaking Weight when subv. Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	In.	Lbs.
	0 11½	2	9½	1322½

## SECOND EXPERIMENT, for noting the Deflection.

## Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204'6 lbs.	0'01 in.
4409'2	0'03
5511'5	0'05
6613'8	0'06
7716'1	0'08

## THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
15432'2 lbs.	0'11 in.
Crushing Weight	15432'2 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'05 in.
4409'2	0'38
6613'8	0'43
8818'4	0'51

No. 29.—Botanical name, *Diptery. odorata* (Wills.) Aboriginal name, CUAMARA. Local name, TONKA.

"This tree is not very plentiful in the colony. The timber may be had from 10 to 50 feet long, and 18 to 20 inches square. It is hard, tough, and durable in an eminent degree, and it is said that a piece one inch square, and of a given length, will bear 100 lbs. more weight than any other timber in Guiana of the same dimensions. It is therefore peculiarly adapted for any purpose where resistance to great pressure is desired. It is used for shafts, mill-wheels, and cogs. This tree yields the well-known 'Tonka Bean.'"

Price in colony, 1s. 6d. to 2s. per cubic foot. Specific gravity of specimen, 0'987.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No of Specimen.	Dimensions.		Bearing between supports.	Breaking Weight.
	Length.	Section.		
1	Ft. 1 In. 2	In. square. 2	Foot. 1.	Lbs. 10468·0

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
1102·3 lbs.	0·03 in.	5511·5 lbs.	0·10 in.
2204·6	0·04	6613·8	0·12
3306·9	0·06	7164·9	0·13
4409·2	0·09	7716·1	0·16

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.  
Strain applied. Amount yielded.  
11023 lbs. : : : 0·11 in.  
Crushing Weight : : : 11463·9 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.  
Strain applied. Amount yielded. Strain applied. Amount yielded.  
2204·6 lbs. . . . 0·05 in. 6613·8 lbs. . . . 0·10 in.  
4409·2 . . . . 0·06 7716·1 . . . . 0·20  
5511·5 . . . . 0·01 8818·4 . . . . 0·34

No. 30.—Botanical name, —. Aboriginal name, DUCALIBALLI.  
Local name, DUCALIBALLI.

"This tree is of large size, but not plentiful. The timber may be had 40 feet long, but seldom more than 20 inches in diameter. It is a deep red close-grained wood, more even and compact than mahogany, and takes a high polish. It is in great repute for turning and cabinet-work. It resembles, or is perhaps identical with, the Brazilian beef-wood."

Price in colony, 2s. 6d. to 3s. per cubic foot. Specific gravity of specimen, 0·910.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. 1 In. 2	In. square. 2	Foot. 1	Lbs. 9367·0

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
2204·6 lbs.	0·02 in.	6613·8 lbs.	0·10 in.
3306·9	0·04	7164·9	0·12
4409·2	0·06	7716·1	0·13
5511·5	0·09		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.  
Strain applied. Amount yielded.  
13227·6 lbs. : : : 0·06 in.  
Crushing Weight : : : 13227·6 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.  
Strain applied. Amount yielded. Strain applied. Amount yielded.  
2204·6 lbs. . . . 0·07 in. 6613·8 lbs. . . . 0·23 in.  
4409·2 . . . . 0·09 7716·1 . . . . 0·35  
5511·5 . . . . 0·15 8818·4 . . . . 0·57

No. 31.—Botanical name, *Centrolobium robustum* (Mart.) Aboriginal name and local name, CARTAN.

"From Demerary River. A very rare wood, of a rich orange colour, like deal in its grain, but much harder and heavier. It reaches a height of 80 to 100 feet, and being easily worked, and of a handsome colour, promises to become of great interest to cabinet-makers."

Specific gravity of specimen, 0.703.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	In. 12 $\frac{1}{4}$	In. square. 2	Foot. 1	Lbs. 4959.0

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102.3 lbs.	0.04 in.
2204.6	0.06
3306.9	0.11
4409.2	0.17
5511.5	0.29

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
9920.7 lbs.	0.05 in.
Crushing Weight	9920.7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204.6 lbs. . . . .	0.08 in.	6613.8 lbs. . . . .	0.43 in.
3306.9 . . . . .	0.26	7716.1 . . . . .	0.46
4409.2 . . . . .	0.35	8818.4 . . . . .	0.50
5511.5 . . . . .	0.40		

No. 32.—Botanical name, —. Aboriginal and local name, KAI-EERI-BALLI.

"From Berbice River. An excellent wood for beams, rafters, and plates of houses."

Specific gravity of specimen, 0.870.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 5	In. square. 2	Foot. 1	Lbs. 6391.6

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102.3	0.01 in.
2204.6	0.03
3306.9	0.09
4409.2	0.13
5511.5	0.22

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
8818.4 lbs.	0.05 in.
Crushing Weight	8818.4 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204.6 lbs.	0.14 in.
4409.2	0.29
6613.8	0.33
8818.4	0.50

No. 33.—Botanical name, —. Aboriginal and local name, Buhuradda.

"Is very plentiful, and used for similar purposes as the preceding. This specimen is damaged by water."  
Specific gravity of specimen, 0.814.

## FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 7	2	1	9477.2

## SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
2204.6 lbs.	0.05 in.	6613.8 lbs.	0.17 in.
3306.9	0.07	7164.9	0.22
4409.2	0.10	7716.1	0.24
6511.5	0.13		

## THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204.6 lbs.	0.03 in.	8818.4 lbs.	0.09 in.
4409.2	0.05	11023.0	0.10
6613.8	0.08	12125.3	0.11
Crushing Weight		12125.3 lbs.	

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204.6 lbs.	0.12 in.
6613.8	0.58
8818.4	0.60

No. 34.—Botanical name, *Eperua falcata*, Aubl. Aboriginal name and local name, WALLABA.

"From Berbice River. This wood is of a deep red colour, and is hard and heavy, but splits freely and smoothly, and is much used for shingles, staves, palings, posts, house frames, &c. It is impregnated with a resinous oil, which makes it very durable, both in an out of water. A roof well shingled with this wood will last more than 40 years. The tree is very abundant throughout the colony, growing generally on the banks of rivers. It may be cut 30 or 40 feet long, and 15 to 20 inches square."  
Cost in colony, 10d. to 1s. 6d. per cubic foot. Specific gravity of specimen, 1.035.

## FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 5	2	1	5510.0

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204*6 lbs.	0*04 in.
3306*9	0*06
4409*2	0*09
5511*5	0*11

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
6613*8 lbs.	0*06 in.
Crushing Weight	6613*8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204*6 lbs.	0*16 in.
3306*9	0*49

No. 35.—Botanical name, *Lecythis ollaria* (LIN.) Aboriginal and local name, KAKARALLI.

"This wood is very abundant, grows tall and straight, and may be had from 6 to 14 inches square, and 30 to 40 feet long. It is heavy, hard, and close-grained, and more durable than Greenheart in salt water, from its property of resisting the depredations of the sea-worm and barnacle. On this account it is much employed in the construction of wharfs, sluices, &c. It is also used for house-fraes. The bark is easily stripped off, and consists of numerous layers, which the Indians separate by beating with a stick; when separated they have the appearance of thin satin paper. They are dried in the sun, and used as wrappers for cigars."

Price in colony, 1s. to 1s. 6d. per cubic foot. Specific gravity of specimen, 1\*163.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	9587*4

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
2204*6 lbs.	0*04 in.	6613*8 lbs.	0*17 in.
3306*9	0*07	7161*9	0*20
4409*2	0*10	7716*1	0*25
5511*5	0*14		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204*6 lbs.	0*06 in.	8818*4 lbs.	0*12 in.
4409*2	0*08	11023*0	0*15
6613*8	0*10	13227*6	0*18
Crushing Weight			13227*6 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204*6 lbs.	0*08 in.
4409*2	0*20
6613*8	0*34

No. 36.—Botanical name, ——. Aboriginal and local name, **SILVER-BALLI (yellow variety)**.

"This tree grows to a great size, but is then often hollow. It will, however, square sound from 10 to 14 inches, and from 40 to 50 feet long. The wood is lighter than water, and contains a bitter principle, which resists the attack of worms, hence it is much used in the colony for the outside planking of vessels and boats. It is also used for masts and booms. There are four varieties or species of this tree, distinguished as Black, Brown, Yellow, and White Silverballi; of these the latter is least esteemed."

Price in colony, from 1s. 6d. to 2s. per cubic foot. Specific gravity of specimen, 0.546.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 5	2	1	4297.8

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204.6 lbs.	00.5 in.
3306.9	0.14

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
7716.1 lbs.	0.08 in.
Crushing Weight :	7716.1 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204.6 lbs.	0.44 in.
4409.2	0.56
6613.8	0.59
8818.4	0.62

No. 37.—Botanical name, *Xgüanensic carapa*. Local name, **CRAB-WOOD**.

"This tree is plentiful, grows tall and straight, and may be cut from 40 to 60 feet in length, with a square of 14 or 16 inches. The wood is light, and, as it takes a high polish, makes excellent furniture. It is also much used for floors, partitions, and doors in the houses of the wealthy. Masts and spars are formed of it, and it is sometimes employed for sugar hog-heads, and even for shingles, as it splits freely and smoothly. There are two varieties, Red and White. The seeds yield 'Crab Oil,' and the bark is useful for tanning, so that this tree ranks among the most useful of the colony."

Price in colony, 1s. to 1s. 6d. per cubic foot. Specific gravity of specimen, 0.603.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 5	2	1	5510.0

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
1102.3 lbs.	0.04 in.
2204.6	0.08
3306.9	0.12
4409.2	0.18
	0.30

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
8818'4 lbs.	0'05 in.
Crushing Weight :	8818'4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'35 in.
4409'2	0'46
6613'8	0'50
8818'4	0'54

No. 38.—Botanical name, *Icica altissima*, Aubl. Aboriginal name, WARRACOORI. Local name, WHITE CEDAR.

"From Berbice River. Grows abundantly in the low grounds. It is a light, aromatic wood, easily worked; it splits freely, and is therefore well fitted for staves. During the American War it was used for sugar hogsheds. It is frequently employed for the frames and inside work of houses. Oars and paddles are also made of it, and even canoes. The bark in decoction is used for the Indian malady called the 'Caribisi sick.' This specimen is from a young tree."

Price in colony, 1s. to 1s. 6d. per cubic foot. Specific gravity of specimen, 0'771.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In square.	Foot.	Lbs.
1	1 2	2	1	7163'0

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204'6 lbs.	0'06 in.
3306'9	0'10
4409'2	0'14
5511'5	0'21
6613'8	0'29
7164'9	0'37

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
8818'4 lbs.	0'04 in.
9920'7	0'07
Crushing Weight :	9920'7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'10 in.
4409'2	0'50
6613'8	0'54
8818'4	0'57

No. 39.—Botanical name, *Hymenaea Courbaril* (LIN.) Aboriginal name, SIMERI. Local name, LOCUST TREE.

"This tree is abundant in the colony, and often attains the height of 60 or 80 feet before it throws out a branch, and has a diameter of 8 to 9 feet. The wood is close-grained, hard, and compact, of a fine brown, streaked with veins, and takes a beautiful polish. As it does not split or warp, it is well adapted for mill timbers and engine beds. A considerable quantity is exported to England to be used as trenails in planking vessels and in beams and plants for fitting up steam engines. The tree yields the gum animi of commerce."

Price in colony, from 1s. to 1s. 6d. per cubic foot. Specific gravity of specimen, 0'707.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 1½	2	1	6171·2

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	
	Specimen 1.	
1102·8 lbs.	0·03 in.	
2204·6	0·10	
3306·9	0·17	
4409·2	0·24	
5511·5	0·34	

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·02 in.
4409·2	0·04
6613·8	0·06
8818·4	0·10
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·33 in.
4409·2	0·37
6613·8	0·44
8818·4	0·60

No. 40.—Botanical name, —. Aboriginal and local name, BUCKATI.

"A hard, compact wood, of a rich brownish yellow colour."  
Specific gravity of specimen, 0·812.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	7714·0

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	
	Specimen 1.	
2204·6 lbs.	0·03 in.	
3306·9	0·06	
4409·2	0·10	
5511·5	0·14	
6613·8	0·20	
7714·9	0·26	

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
9920·7 lbs.	0·07 in.
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'09 in.
4409'2	0'33
6613'8	0'45
8818'4	0'50

No. 41.—Botanical name, —. Aboriginal and local name, SIRA-BULIBALLI.

"A wood of small size, but very hard and compact, well adapted for framing."  
Specific gravity of specimen, 0'838.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 5	2	1	9920'7

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
2204'6 lbs.	0'03 in.	7164'9 lbs.	0'23 in.
5306'9	0'08	7716'1	0'29
4402'2	0'11	8818'4	0'32
5511'5	0'16	9920'7	0'40
6613'8	0'18		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs.	0'01 in.	8818'4 lbs.	0'06 in.
4409'2	0'03	9920'7	0'19
6613'8	0'04		
Crushing Weight		9920'7 lbs.	

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs.	0'04 in.	6613'1 lbs.	0'49 in.
4409'2	0'40	7716'1	0'50
5511'5	0'46	8818'4	0'52

JAMAICA.

No. 42.—Botanical name, —. Local name, Boxwood.

Used for framing. Specific gravity of specimen, 0'690.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 1½	2	1	5511'5

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
Nil.	Specimen 1.
	Nil.

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409'2 lbs.	01'0 in.
5511'5	05'0
8818'4	08'0
Crushing Weight	8818'4 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs. . . . .	0'05 in.	6613'8 lbs. . . . .	0'49 in.
3306'9 . . . . .	0'16	7716'1 . . . . .	0'51
4409'2 . . . . .	0'28	8818'4 . . . . .	0'54
5511'5 . . . . .	0'40		

No. 43.—Botanical name, *Erythroxylon areolatum*. Aboriginal and local name, IRON WOOD, or RED WOOD.

A small tree, 16 or 18 feet high, and 5 or 6 inches in diameter. Useful for furniture and flooring. Specific gravity of specimen, 0'987.

## FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In. 1 2	In. square. 1 2		
1			Foot. 1	Lbs. 9369'5

## SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
1102'3 lbs.	0'02 in.	6613'8 lbs.	0'21 in.
2204'6	0'07	7716'9	0'34
3306'9	0'09	7716'1	0'38
4409'2	0'13	8818'4	0'44
5511'5	0'16		

## THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
17636'8 lbs.	0'13 in.
Crushing Weight	17636'8 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
4409'2 lbs.	0'02 in.
11023'0	0'08

No. 44.—Botanical name, *Amyris*. Aboriginal and local name, SATIN CANDLEWOOD.

Specific gravity of specimen, 0'956.

## FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In. 1 2	In. square. 2		
1			Foot. 1	Lbs. 12232'2

## SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
1102'3 lbs.	0'02 in.	7164'9 lbs.	0'17 in.
2204'6	0'06	7716'1	0'18
3306'9	0'08	8818'4	0'21
4409'2	0'11	9920'7	0'24
5511'5	0'13	11023'0	0'31
6613'8	0'16	12125'3	0'42

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs. . . . .	0'03 in.	8818'4 lbs. . . . .	0'06 in.
4409'2 . . . . .	0'04	11023'0 . . . . .	0'07
6613'8 . . . . .	0'05		12562'8 lbs.
Crushing Weight . . . . .			

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
4409'2 lbs. . . . .	0'11 in.
5511'5 . . . . .	0'30
6613'8 . . . . .	0'55
8818'4 . . . . .	0'58

No. 45.—Botanical name, *Guatteria virgata*. Aboriginal and local name, LANCE WOOD.

"Excellent timber where strength and elasticity are required; tough."  
Specific gravity of specimen, 0'875.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Sup-ports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	1 2	1 $\frac{1}{2}$	1	6612'0
2	1 2	2	1	7714'0

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102'3 lbs.	0'03 in.	—	5511'5 lbs.	0'34 in.	0'22 in.
2204'6	0'09	0'06 in.	6613'8	0'05	0'30
3306'9	0'13	0'10	7164'9	0'07	0'39
4409'2	0'19	0'15			

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2304'6 lbs. . . . .	0'04 in.
4409'2 . . . . .	0'05
6613'8 . . . . .	0'07
Crushing Weight . . . . .	6613'8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs. . . . .	0'19 in.	5511'5 lbs. . . . .	0'40 in.
3306'9 . . . . .	0'30	6613'8 . . . . .	0'43
4409'2 . . . . .	0'37	8818'4 . . . . .	0'46

No. 46.—Botanical name, *Brya ebenus*. Aboriginal and local name, BLACK HEART EBONY, or WEST INDIAN EBONY.

"Very hard and ponderous, and susceptible of a very high polish; very common in the savannahs and dry hills."  
Specific gravity of specimen, 1'193.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Sup-ports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	1 2	1 $\frac{1}{2}$	1	8485'4

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204'6 lbs.	0'03 in.
3306'9	0'05
4409'2	0'09
5511'5	0'12
6613'8	0'17
7716'1	0'22

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied. Amount yielded.

18739'1 lbs. 0'13 in.

Crushing Weight, 18959'5 lbs. (broke violently).

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied. Amount yielded.

6613'8 lbs. 0'04 in.

7716'1 0'05

8818'4 0'30

No. 47.—Botanical name, *Laurus Chloroxylon*. Aboriginal and local name, Cog-wood.

"The best for mill-framing, cog-wheels; enduring in water."  
 Specific gravity of specimen, 0'961.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	1½	1	6942'6

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
1102'3 lbs.	0'03 in.
2204'6	0'09
3306'9	0'10
4409'2	0'13
5511'5	0'21
6613'8	0'26

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied. Amount yielded.

6613'8 lbs. 0'01 in.

8818'4 0'03

11023'0 0'05

Crushing Weight 12122'0 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs.	0'02 in.	6613'8 lbs.	0'19 in.
3306'9	0'05	7716'1	0'24
4409'2	0'09	8818'4	0'33
5511'5	0'15		

No. 48.—Botanical name, ———. Aboriginal and local name, SMALL LEAF.

Specific gravity of specimen, 1.169.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 1½	1½	1	7984.4

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102.3 lbs.	0.10 in.
2204.8	0.13
3306.9	0.17
4409.2	0.23
5511.5	0.28

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
15432.2 lbs.	0.18 in.
Crushing Weight	15432.2 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204.6 lbs.	0.04 in.	6618.8 lbs.	0.46 in.
4409.2	0.07		

No. 49.—Botanical name, *Citrus aurantium*. Aboriginal and local name, WILD ORANGE.

"Used for framing, &c." Specific gravity of specimen, 0.908.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	—	—	—	—
2	1 5¼	2	1	10141.1

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
3306.9 lbs.	. . .	0.08 in.	7164.9 lbs.	. . .	0.14 in.
4409.2	. . .	0.05	8818.4	. . .	0.21
5511.5	. . .	0.07	9220.7	. . .	0.29
6613.8	. . .	0.11			

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
4409.2 lbs.	0.02 in.	11023.0 lbs.	0.06 in.
6613.8	0.03	13227.6	0.08
8818.4	0.05		
Crushing Weight		13237.6 lbs.	

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs.	. . . 0'09 in.	6613'8 lbs.	. . . 0'39 in.
3306'9	. . . 0'14	7716'1	. . . 0'45
4409'2	. . . 0'19	8818'4	. . . 0'48
5511'5	. . . 0'31		

No. 50.—Botanical name, *Melicocca bijaya*. Aboriginal and local name, GYNIP.

"Originally imported from Surinam; grows commonly in the lowlands to a very large size."

Specific gravity of specimen, 0'934.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 1½	In. square. 2	Foot. 1	Lbs. 6612'0

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
1102'3 lbs.	0'01 in.
2204'6	0'07
3306'9	0'10
4409'2	0'15
5511'5	0'20

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409'2 lbs.	. . . 0'01 in.
6613'8	. . . 0'03
7716'1	. . . 0'04
8818'4	. . . 0'07
Crushing Weight	. . . 8818'4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs.	. . . 0'06 in.	6613'8 lbs.	. . . 0'21 in.
3306'9	. . . 0'10	7716'1	. . . 0'22
4409'2	. . . 0'15	8818'4	. . . 0'47
5511'5	. . . 0'19		

No. 51.—Botanical name, *Cedrela odorata*. Aboriginal and local name, CEDAR.

"Rises with a straight stem 70 or 80 feet, and often from 3 to 5 feet diameter; much esteemed for cabinet-ware and wainscoting; it affords most durable planks and shingles, yields a clear and abundant gum, which is said to be fit for shoemakers' use."

Specific gravity of specimen, 0'576.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 3	In. square. 2	Foot. 1	Lbs. 195'8

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
1102'3 lbs.	0'10 in.
2204'6	0'26

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs.	0'02 in.	4409'2 lbs.	0'08 in.
3306'9	0'04	5511'5	0'13
Crushing Weight		6613'8 lbs.	

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs.	0'45 in.	6613'8 lbs.	0'83 in.
3306'9	0'48	7716'1	0'55
4409'2	0'50	8818'4	0'57
5511'5	0'51		

No. 52.—Botanical name, *Morus tinctoria*. Aboriginal and local name, FUSTIC.

"A well-known yellow dye-wood; but the use of it as a dye-wood is, we believe, much discontinued by the more splendid quercitron bark of America. The wood is admirably adapted for the fellos of carriage and cart wheels. Grown in Kingston."

Specific gravity of specimen, 0'966.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In. 1 2½	In. square. 2	Foot. 1	Lbs. 8595'6

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
2204'6 lbs.	0'05 in.	6613'8 lbs.	0'17 in.
3306'9	0'08	7716'1	0'21
4409'2	0'10		0'23
5511'5	0'13		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
12125'3 lbs.	0'08 in.
Crushing Weight	12125'3 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'03 in.
4409'2	0'09
6613'8	0'28
8818'4	0'39

No. 53.—Botanical name, *Xanthoxylon clava Herculis*. Aboriginal and local name, PRICKLE YELLOW.

"For furniture, flooring, inlaying, &c., very common. Said to afford a dye, and to possess medicinal properties."

Specific gravity of specimen, 0'691.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 3	In. square. 2	Foot. 1	Lbs. 5730'

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
1102'3 lbs.	0'02 in.
2204'6	0'05
3306'9	0'08
4409'2	0'14
5511'5	0'24

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
4409'2 lbs.	0'03 in.	7716'1 lbs.	0'07 in.
5511'5	0'04	8818'4	0'09
6613'6	0'06		
Crushing Weight		8818'4 lbs.	

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'28 in.
3306'9	0'52
4409'2	0'59
6613'8	0'65
8818'4	0'66

No. 56.—Botanical name, *Guaiacum officinale*. Aboriginal or local name, LIGNUM VITÆ.

"A well-known hard wood, adapted for rulers, pestles, and mortars, the rollers or wheels of blocks and pulleys, yielding the medicinal gum resin, Guaiacum. A decoction of the bark is in common use among the natives as a cure for rheumatism. The tree is very common on the south side of the island."

Specific gravity of specimen, 1'170.

Ditto, No. 2 ditto, 0'651.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	1 2 $\frac{1}{2}$	2	1	5511'5
2	1 4 $\frac{1}{2}$	2	1	5069'2

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204'6 lbs.	0'01 in.	0'07 in.
3306'9	0'05	0'12
4409'2	0'08	0'21

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409'2 lbs.	0'01 in.
6613'8	0'02
8818'4	0'04
9920'7	0'45
Crushing Weight	9920'7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
4409'2 lbs.	0'01 in.
6613'8	0'02
7716'1	0'05
8818'4	0'06
9920'7	0'26

No. 55.—Botanical name, *Acacia arborea*. Aboriginal or local name, **WILD TAMARIND.**

Specific gravity of specimen, 0.750.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 2	In. square. 1½	Foot. 1	Lbs. 3526.4

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204.6 lbs. 3306.9	0.12 in. 0.14

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409.2 lbs. . . . .	0.07 in.
6613.8 . . . . .	0.09
7716.1 . . . . .	0.11
Crushing Weight . . . . .	8705.8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2904.8 lbs. . . . .	0.48 in.
4409.2 . . . . .	0.64
6613.8 . . . . .	0.68
8818.4 . . . . .	0.70

No. 56.—Botanical name, *Quassia excelsa*. Aboriginal or local name, **BITTERWOOD.**

Used for "lumber generally; never infested with insects."

Specific gravity of specimen, 0.555.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 2	In. square. 2	Foot. 1	Lbs. 3746.8

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204.6 lbs. 3306.9	0.17 in. 0.44

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204.6 lbs. . . . .	0.09 in.
4409.2 . . . . .	0.13
5511.5 . . . . .	0.19
Crushing Weight . . . . .	5511.5 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'51 in.
4409'2	0'57
6613'8	0'60
8818'4	0'63

No. 57.—Botanical name, *Bignonia longissima*, or *Tecoma longissima*.  
Aboriginal and local name, FRENCH OAK.

"Grows large."

Specific gravity of specimen, 0'774.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
	1 4 $\frac{1}{2}$	2	1	4408'0

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102'3 lbs.	0'02 in.
2204'6	0'14
3306'9	0'26
4409'2	0'44

## THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409'2 lbs.	0'01 in.
5511'5	0'04
6613'8	0'14
Crushing Weight	6613'8 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204'6 lbs.	0'33 in.	6613'8 lbs.	0'54 in.
3306'9	0'41	7716'1	0'58
4409'2	0'46	8818'4	0'61
5511'5	0'50		

No. 58.—Botanical name, *Citharexylum malano-cardium*. Aboriginal and local name, FIDDLEWOOD.

"Durable. Used for mill-framing, carriage wheels, &c. A most useful timber. Said to yield a beautiful yellow or orange colour for whitewashers' work."

Specific gravity of specimen, 0'707.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	5510'0

SECOND EXPERIMENT, for noting the Deflection  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2102'3 lbs.	0'03 in.
2204'6	0'10
3306'9	0'18
4409'2	0'27

## THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204*6 lbs.	0*02 in.
4409*2	0*04
5511*5	0*07
6613*8	0*16
Crushing Weight	6613*8 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204*6 lbs.	0*36 in.
4409*2	0*61
6613*8	0*87
8818*4	0*69

No. 59.—*Terminalia latifolia*. Aboriginal or local name, BROADLEAF.

"Used for boards, scantling, shingles, and staves. This tree is often called the 'Almond Tree,' from the almond-shaped nut it bears. The outer coat of this nut (about  $\frac{1}{2}$  inch thick) is a soft, acrid, insipid fruit, of which bats, &c. are very fond, as they constantly carry them about from place to place. The shell is very thick, and the nut very small, possessing a pleasant nutty flavour; grows 60 feet before reaching main branches, and 12 or 16 feet in circumference."

Specific gravity of specimen, 0\*771.

## FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	6061*0

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
1102*3 lbs.	0*03 in.
2204*6	0*09
3306*9	0*14
4409*2	0*22
5511*5	0*35

## THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409*2 lbs.	0*03 in.
6613*8	0*06
7716*1	0*09
Crushing Weight	7716*1 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204*6 lbs.	0*16 in.	6613*8 lbs.	0*55 in.
3306*9	0*46	8818*4	0*60
4409*2	0*51		

No. 60.—Botanical name, *Brosopis juliflora*. Aboriginal and local name, CASHAW.

"Adapted for knees of boats and ship-building generally, but it does not stand the iron nails well. Yields an abundant gum, differing little, if at all, from gum arabic; also a useful fibre; a common tree; attains 30 or 40 feet in height, with 8 feet diameter; very hard, much twisted and crooked; sometimes split for shingles, but nail holes must be bored."

Specific gravity of specimen, 0\*916.

## FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
	1 24	2	1	6391*6

SECOND EXPERIMENT, for noting the Deflection.  
 Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102'3 lbs.	0'01 in.
2204'6	0'06
3306'9	0'09
4409'2	0'15
5511'5	0'20

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
9920'7 lbs.	0'14 in.
Crushing Weight	9920'7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'07 in.
4409'2	0'25
6613'8	0'35
8818'4	0'44

No. 61.—Botanical name, *Achras sideroxylon*. Aboriginal name, NEESBERRY. Local name, BULLET TREE.

"A very lofty tree. Said to be called 'Bully' from its towering above other trees; esteemed as one of the best timber trees." Specific gravity of specimen, 1'046.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2½	2	1	9920'7

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
2204'6 lbs.	0'04 in.	7164'9 lbs.	0'14 in.
3306'9	0'07	7716'1	0'16
4409'2	0'09	8818'4	0'22
5511'5	0'11	9920'7	0'30
6613'8	0'13		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
14329'9 lbs.	0'08 in.
Crushing Weight	14329'9 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain Applied.	Amount yielded.
2204'6 lbs.	0'04 in.
4409'2	0'09
6613'8	0'13

No. 62.—Botanical name, *Podocarpus yacca*. Aboriginal and local name, YACCA.

"Grows freely in this island, at a moderate elevation from the sea level, and is used for ornamental cabinet purposes."

Specific gravity of specimen, 0'626.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2½	2	1	2204·6

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·05 in.

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·03 in.
4409·2	0·04
5511·5	0·05
6613·8	0·10
Crushing Weight.	6613·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded
2204·6 lbs.	0·39 in.	5511·5 lbs.	0·52 in.
3306·9	0·45	6613·8	0·53
4409·2	0·50	8118·4	0·58

No. 63.—Botanical name, *Hibiscus tiliaceus*. Aboriginal and local name, BLUE MAHOE.

“Used for cart, carriage, and waggon bodies, inlaying, &c.; much used for furniture, yields strong fibre for cordage.”

Specific gravity of specimen, 0·536.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 5½	2	1	4297·0

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·09 in.
2204·6	0·23
3306·9	0·40

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
8818·4 lbs.	0·11 in.
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·60 in.
4409·2	0·65
6613·8	0·68
8818·4	0·70

No. 64.—Botanical name, *Prunus Occidentalis*. Aboriginal and local name, PRUNE.

"The bark yields an excellent liquor." Specific gravity of specimen, 0·864.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 3	In. square. 2	Foot. 1	Lbs. 6613·8

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·05 in.
3306·9	0·09
4409·2	0·14
5511·5	0·20
6613·8	0·34

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs. . . .	0·02 in.	8818·4 lbs. . . .	0·05 in.
4409·2 . . . .	0·03	9920·7 . . . .	0·10
6613·8 . . . .	0·04		
Crushing Weight . . . .			9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs. . . .	0·06 in.	6613·8 lbs. . . .	0·41 in.
3306·9 . . . .	0·18	7716·1 . . . .	0·42
4409·2 . . . .	0·23	8818·4 . . . .	0·45
5511·5 . . . .	0·33		

No. 65.—Botanical name, *Swietenia Mahogany Var.* Aboriginal and local name, WILD MAHOGANY.

"Used for furniture, water-wheels, planking of vessels, &c. Its growth dependent on localities." Specific gravity of specimen, 0·921.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 3	In. square. 2	Foot. 1	Lbs. 7983·4

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·04 in.
3306·9	0·09
4409·2	0·12
5511·5	0·18
6613·8	0·23
7164·9	0·28

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409'2 lbs. . . . .	0'03 in.
6613'8 . . . . .	0'05
8818'4 . . . . .	0'07
Crushing Weight . . . . .	8818'4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs. . . . .	0'10 in.
4409'2 . . . . .	0'52
6613'8 . . . . .	0'56
8818'4 . . . . .	0'58

No. 66.—Botanical name, *Bumelia salicifolia*. Aboriginal name, SAPOTA, and GALIMETA WOOD. Local name, WILLOW-LEAVED BASTARD BULLET TREE.

"From Fort George pen; extracted from the forest at six miles from the sea coast, and grew in a soil of mould, the substratum rock being porphyritic conglomerate and sandstone. Said to be good timber wood when not exposed to the weather."

Specific gravity of specimen, 0'802.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 5	In. square. 2	Fopt. 1	Lbs. 6722'2

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102'3 lbs.	0'03 in.
2204'6	0'06
3306'9	0'09
4409'2	0'11
5511'5	0'14
6613'8	0'18

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409'2 lbs. . . . .	0'02 in.
6613'8 . . . . .	0'03
8818'4 . . . . .	0'05
11023'0 . . . . .	0'11
Crushing Weight . . . . .	11023'0 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction

Strain applied.	Amount yielded.
2204'6 lbs. . . . .	0'11 in.
4409'2 . . . . .	0'30
6613'8 . . . . .	0'37
8818'4 . . . . .	0'42

No. 67.—Botanical name, *Hymenaea Courbaril*. Aboriginal and local name, LOCUST.

"Boards: house framing; hard and tough; supposed to have been imported. From the roots oxide that valuable substance called 'gum animi,' which is said to form an excellent varnish, superior to Chinese lacca. Grows on the plains and mountains round St. Catharine's." Specific gravity of specimen, 0'875.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section		
1	Ft. In. 1 5 $\frac{1}{4}$	In. square. 2	Foot. 1	Lbs. 6061.0

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204.6 lbs.	0.08 in.
3306.9	0.14
4409.2	0.23
5511.5	0.40

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409.2 lbs.	0.03 in.
6613.8	0.05
7716.1	0.26
Crushing Weight	7716.1 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204.6 lbs.	0.38 in.	5511.5 lbs.	0.51 in.
3306.9	0.41	6613.8	0.54
4409.2	0.45		

No. 68.—Botanical name, —. Aboriginal and local name, BEECH.  
Used for "house framing, of large growth. Specific gravity of specimen, 0.843.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 13 $\frac{1}{4}$	In. square. 2	Foot. 1	Lbs. 9038.8

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
2204.6 lbs.	0.02 in.	6613.8 lbs.	0.17 in.
3306.9	0.05	7164.9	0.21
4409.2	0.09	7716.1	0.27
5511.5	0.11	8818.4	0.45

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
8818.4 lbs.	0.08 in.
Crushing Weight	8818.4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204.6 lbs.	0.13 in.
4409.2	0.31
5511.5	0.37
6613.8	0.41

No. 69.—Botanical name, *Andira inermis*. Local name, CABBAGE BARK TREE.

\* Grows to a moderate height; bark used as a vermifuge; its effects are emetic, drastic, purgative, and narcotic; yields a very tough and useful wood."

Specific gravity of specimen, 0.945.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 5½	In. square. 2	Foot. 1	Lbs. 6722.2

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204.6 lbs.	0.05 in.
3306.9	0.08
4409.2	0.10
5511.5	0.15
6613.8	0.23

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.

Amount yielded.

9920.7 lbs.

0.05 in.

Crushing Weight

9920.7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.

Amount yielded.

2204.6 lbs.

0.08 in.

4409.2

0.34

6613.8

0.47

8818.4

0.52

No. 70.—Botanical name, ———. Aboriginal and local name, RED BULLY or BULLET TREE.

Specific gravity of specimen, 0.993.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 4	In. square. 2	Foot. 1	Lbs. 5510.0

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204.6 lbs.	0.06 in.
3306.9	0.09
4409.2	0.10
5511.5	0.18

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.

Amount yielded.

2204.6 lbs.

0.01 in.

4409.2

0.02

6613.8

0.05

8818.4

0.06

9920.7

0.16

Crushing Weight

9920.7 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'08 in.
4409'2	0'19
6613'8	0'34
8818'4	0'43

No. 71.—Botanical name, *Tamarindus occidentalis*. Aboriginal and local name, TAMARIND.

"Large growth: thrives in lowland savannahs, but best in brick mould districts."

Specific gravity of specimen, 0'870.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
—	1 4½	2	1	6722'2

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204'6 lbs.	0'05 in.
3306'9	0'09
4409'2	0'15
5511'5	0'20
6613'8	0'29

## THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409'2 lbs.	0'05 in.
6613'8	0'06
8818'4	0'09
Crushing Weight	9256'8 lbs.

## FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'11 in.
4409'2	0'35
6613'8	0'41
8818'4	0'47

No. 72.—Botanical name, *Crescentia Cujete*. Local name, CALABAS.

"Grows common throughout the island, 20 feet and less high, wood light, tough, and pliant, fit for carriage building, &c. The fruit well adapted for many domestic and ornamental purposes."

Specific gravity of specimen, 0'557.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In.	In. square.	Foot.	Lbs.
1	1 5½	2	1	4518'2

SECOND EXPERIMENT, for noting the Deflection.  
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102'3 lbs.	0'03 in.
2204'6	0'08
3306'9	0'11
4409'2	0'23

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204*6 lbs. . . . .	0*01 in.
4409*2 . . . . .	0*03
5511*5 . . . . .	0*18
Crushing Weight . . . . .	5511*5 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
1102*3 lbs. . . . .	0*31 in.	5511*5 lbs. . . . .	0*54 in.
2204*6 . . . . .	0*33	6613*8 . . . . .	0*57
3306*9 . . . . .	0*43	7716*1 . . . . .	0*59
4409*2 . . . . .	0*50	8818*4 . . . . .	0*61

### No. 73.—LIGNUM VITÆ. See No. 54, Specimen 2.

No. 74.—Botanical name, ———. Aboriginal and local name, YELLOW SANDERS.

Specific gravity of specimen, 0\*859.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 4½	In. square. 3	Foot. 1	Lbs. 9590*0

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
1102*3 lbs.	0*03 in.
2204*6	0*07
3306*9	0*12
4409*2	0*21

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204*6 lbs. . . . .	0*03 in.
4409*2 . . . . .	0*05
6613*8 . . . . .	0*10
Crushing Weight . . . . .	6613*8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204*6 lbs. . . . .	0*26 in.
4409*2 . . . . .	0*43
6613*8 . . . . .	0*49
8818*4 . . . . .	0*52

No. 75.—Botanical name, *Swietenia Mahogani*. Aboriginal and local name, GREEN MAHOGANY.

"For furniture, water wheels, planking of vessels, &c."

Specific gravity of specimen, 0\*664.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 0 16½	In. square. 2	Foot. 1	Lbs. 6061*0

SECOND EXPERIMENT, for noting the Deflection.  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
2204'6 lbs.	0'07 in.
3306'9	0'16
4409'2	0'23
5511'5	0'45

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204'6 lbs.	0'04 in.
4409'2	0'07
6613'8	0'10
Crushing Weight	7716'1 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'30 in.
4409'2	0'43
6613'8	0'49
8818'4	0'52

No. 76.—Botanical name, *Piscidia Carthageniensis*. Aboriginal and local name, **BLACK DOGWOOD** or **BITCHWOOD**.

"A mid-sized tree, grows mostly in the low lands, on dry calcareous hills. The bark, especially of the root, intoxicates fish. A tincture has been used as a hypnotic, and has been highly recommended in cases of maniacal excitement. A most useful tree, lasts well in or out of water, and said to make excellent piles for wharves, &c."

Specific gravity of specimen, 0'930, water being 1'000.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In square.	Foot.	Lbs.
1	1 6½		1	6061'0

SECOND EXPERIMENT, for noting the Deflection.

*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.
	Specimen 1.
1102'3 lbs.	0'03 in.
2204'6	0'08
3306'9	0'11
4409'2	0'13

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
11023'0 lbs.	0'13 in.
Crushing Weight	11023'0 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204'6 lbs.	0'07 in.
4409'2	0'17
6613'8	0'33
8818'4	0'70

No. 77.—Botanical name, *Citrus Aurantium*. Aboriginal and local name, SWEET ORANGE.

"Used for inlaying, &c., walking sticks. Very common; but thrives best in brick mould districts."

Specific gravity of specimen, 0.785.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 5½	In square. 2	Foot. 1	Lbs. 4328.4

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102.3 lbs.	0.04 in.
2204.6	0.10
3306.9	0.20
4409.2	0.38

No. 78.—Botanical name, *Piscidia Erythrina*. Aboriginal and local name, WHITE DOGWOOD.

"A mid-sized tree, growing mostly in the lowlands on dry calcareous hills. The bark, especially of the root, intoxicates fish."

Specific gravity of specimen, 0.943.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 0 17½	In square. 3	Foot. 1	Lbs. 9477.2

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
1102.3 lbs.	0.02 in.	6613.8 lbs.	0.23 in.
2204.6	0.06	7164.9	0.26
4409.2	0.12	7716.1	0.30
5511.5	0.16	8818.4	0.39

No. 79.—Botanical name, *Laurus Borbonia*. Aboriginal and local name, TIMBER SWEETWOOD.

"For boards, staves, and scantlings; large and abundant on the lower hills."

Specific gravity of specimen, 0.973.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 17 0½	In square. 2	Foot. 1	Lbs. 9149.1

**SECOND EXPERIMENT, for noting the Deflection.**  
*Dimensions and Bearing as in First Experiment.*

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
2204·6 lbs.	0·04 in.	6618·8 lbs.	0·26 in.
3306·9	0·09	7164·9	0·30
4409·2	0·13	7716·1	0·33
5511·5	0·21	8818·4	0·48

**THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.**

Strain applied.	Amount yielded.
8818·4 lbs.	0·11 in.
9920·7	0·14
Crushing Weight	9920·7 lbs.

**FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.**

Strain applied.	Amount yielded.
2204·6 lbs.	0·05 in.
4409·2	0·20
8818·4	0·62

TABLE I.

*In the following Table the Woods are arranged in the Order of their Specific Gravity.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.	No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
46	Black Heart Ebony.	Jamaica .	1·193	15	Mahogany .	New South Wales.	0·952
7	Box of Illawarra.	New South Wales.	1·170	69	Bastard Cabage Bark.	Jamaica .	0·945
54	Lignum Vitæ.	Jamaica .	1·170	73	White Dogwood.	Ditto .	0·943
48	Small Leaf	Ditto .	1·169	21	Monkey Pot .	British Guiana.	0·941
11	Bastard Box .	New South Wales.	1·115	50	Gynip .	Jamaica .	0·934
2	Mountain Ash	Ditto .	1·110	76	Black Dogwood.	Ditto .	0·930
35	Kakaralli	Ditto .	1·103	16	Grey Gum .	New South Wales.	0·927
28	Sipiri or Greenheart.	British Guiana.	1·089	18	Mora .	British Guiana.	0·922
27	Sipiri or Greenheart.	Ditto .	1·052	65	Wild Mahogany.	Jamaica .	0·921
61	Neesberry Bullet Tree.	Jamaica .	1·046	60	Cashaw .	Ditto .	0·916
34	Wallaba .	British Guiana.	1·035	30	Ducaballi .	British Guiana.	0·910
25	Brown Ebony	Ditto .	1·034	49	Wild Orange.	Jamaica .	0·908
5	Iron Bark .	New South Wales.	1·032	66	Bullet Tree (Bastard).	Ditto .	0·902
13	Rough-leaved Iron Bark.	Ditto .	1·016	17	Cabacalli .	British Guiana.	0·893
4	Woolly Butt .	Ditto .	1·005	3	Black Butt .	New South Wales.	0·891
1	Water Gum .	Ditto .	1·001	32	Kaieeri-balli .	British Guiana.	0·870
19	Letter Wood .	British Guiana.	0·999	71	Tamarind .	Jamaica .	0·870
70	Red Bully Tree.	Jamaica .	0·999	9	Stringy Bark.	New South Wales.	0·864
20	Cuamara or Tonka.	British Guiana.	0·987	12	Swamp Mahogany.	Ditto .	0·864
43	Iron Wood .	Jamaica .	0·987	64	Prune .	Jamaica .	0·864
70	Sweet Wood .	Ditto .	0·973	71	Yellow Sanders	Ditto .	0·859
8	True Box of Camden.	New South Wales.	0·970	49	Wild Orange.	Ditto .	0·850
52	Fustic .	Jamaica .	0·966	6	Blue Gum .	New South Wales.	0·843
47	Cog Wood .	New South Wales.	0·961	68	Beech .	Jamaica .	0·842
44	Satin Candlewood.	Jamaica .	0·956				

TABLE I.—continued.

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.	No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
41	Sirabuliballi .	British Guiana.	0·838	42	Box-wood .	Jamaica .	0·690
43	Buhuradda .	Ditto .	0·814	24	Purple Heart .	British Guiana.	0·679
40	Buckati .	Ditto .	0·812	67	Locust Tree .	Jamaica .	0·675
26	Houbaballi .	Ditto .	0·810	45	Lancewood .	Ditto .	0·675
26	Barucara .	Ditto .	0·807	75	Green Mahogany.	Ditto .	0·664
77	Sweet Orange .	Jamaica .	0·785	10	Forest Swamp Oak.	New South Wales.	0·661
37	French Oak .	Ditto .	0·774	74	Yellow Sanders	Jamaica .	0·651
38	White Cedar .	British Guiana.	0·771	22	Bartaballi .	British Guiana.	0·640
59	Broad Leaf .	Jamaica .	0·771	62	Yacca .	Jamaica .	0·625
55	Wild Tamarind.	Ditto .	0·750	37	Crabwood .	British Guiana.	0·603
14	Hickory .	New South Wales.	0·748	51	Cedar .	Jamaica .	0·576
39	Locust Tree .	British Guiana.	0·707	72	Calabash .	Ditto .	0·557
58	Fiddle Wood .	Jamaica .	0·707	53	Bitterwood .	Ditto .	0·555
31	Cartan .	British Guiana.	0·703	63	Silverballi .	British Guiana.	0·546
53	Prickle Yellow	Jamaica .	0·691	63	Blue Mahoe .	Jamaica .	0·586

TABLE II.—BREAKING WEIGHTS.

*In this Table the Woods are arranged according to their Value in the First Series of Experiments.*

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.	Value of S. in lbs.	Remarks.
43	Iron Wood . . .	Jamaica . . .	14991·2	5624·0	
7	Box of Illawarra .	New South Wales .	13831·6	5186·6	
46	Black Heart Ebony .	Jamaica . . .	13580·3	5044·4	
48	Small Leaf . . .	Ditto . . .	12698·6	4761·9	
44	Satin Candlewood .	Ditto . . .	12235·5	4587·7	
27	Sipiri or Greenheart .	British Guiana .	12215·6	4580·0	Yellow variety.
25	Wamara or Brown Ebony.	Ditto . . .	12125·8	4546·0	
23	Wild Mammee . . .	Ditto . . .	11640·2	4365·1	
11	Bastard Box . . .	New South Wales .	11450·6	4294·5	
19	Letter Wood . . .	British Guiana .	11256·6	4221·8	
5	Iron Bark . . .	New South Wales .	10870·8	4068·0	
21	Monkey Pot . . .	British Guiana .	10692·3	4009·0	
26	Sipiri or Greenheart .	Ditto . . .	10471·8	3926·3	Black variety.
29	Cuamara or Tonka .	Ditto . . .	10471·8	3926·3	
49	Wild Orange . . .	Jamaica . . .	10141·1	3802·9	From Metcalf Parish.
13	Broad-leaf Iron Bark	New South Wales .	10004·4	3752·2	
41	Sirabuliballi . . .	British Guiana .	9920·7	3719·1	
61	Neesberry Bullet Tree	Jamaica . . .	9920·7	3719·1	
2	Mountain Ash . . .	New South Wales .	9863·3	3699·3	
18	Mora . . .	British Guiana .	9700·2	3637·5	
35	Kakaralli . . .	New South Wales .	9590·0	3596·0	
74	Yellow Sanders . . .	Jamaica . . .	9590·0	3596·0	
78	White Dogwood . . .	Ditto . . .	9479·7	3553·8	
33	Buhuradda . . .	British Guiana .	9479·7	3553·8	
30	Ducaballi . . .	Ditto . . .	9369·5	3511·9	
79	Sweet Wood . . .	Jamaica . . .	9149·1	3430·3	
68	Beech . . .	Ditto . . .	9038·8	3389·0	

TABLE II.—continued.

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.	Value of \$ in lbs.	Remarks.
			Lbs.		
15	Mahogany . . . .	New South Wales	8994.7	3373.0	
8	Black Butt . . . .	Ditto . . . .	8741.2	3278.2	
52	Fustic . . . . .	Jamaica . . . .	8597.9	3223.1	
47	Cog Wood . . . . .	Ditto . . . . .	8542.8	3205.4	
26	Baracara . . . . .	British Guiana .	8499.7	3189.2	
22	Bartaballi . . . . .	Ditto . . . . .	8465.6	3174.6	
12	Swamp Mahogany .	New South Wales	8281.6	3101.8	
16	Grey Gum . . . . .	Ditto . . . . .	7828.5	2936.5	
14	Hickory . . . . .	Ditto . . . . .	7795.4	2928.3	
1	Water Gum . . . . .	Ditto . . . . .	7760.1	2910.0	
40	Buckati . . . . .	British Guiana .	7716.1	2892.4	
45	Lance Wood . . . .	Jamaica . . . .	7716.1	2892.1	
65	Wild Mahogany . .	Ditto . . . . .	7385.4	2768.9	
17	Cabacalli . . . . .	British Guiana .	7167.1	2687.4	
38	White Cedar . . . .	Ditto . . . . .	7167.1	2687.4	
6	Blue Gum . . . . .	New South Wales	7167.1	2687.4	
69	Bastard Cabbage Bark	Jamaica . . . .	6724.0	2519.8	
71	Tamarind . . . . .	Ditto . . . . .	6724.0	2519.8	
66	Bastard Bullet Tree	Ditto . . . . .	6724.0	2519.8	
64	Prune . . . . .	Ditto . . . . .	6613.8	2480.1	
50	Gynip . . . . .	Ditto . . . . .	6613.8	2480.1	
24	Purple Heart . . . .	British Guiana .	6393.3	2403.0	
60	Cashaw . . . . .	Jamaica . . . .	6393.3	2403.0	
32	Kaiceri-balli . . . .	British Guiana .	6393.3	2403.0	
4	Woolly Butt . . . . .	New South Wales	6272.0	2352.3	
10	Forest Swamp Oak .	Ditto . . . . .	6214.6	2330.2	
39	Locust Tree . . . . .	British Guiana .	6172.9	2314.8	
59	Broad Leaf . . . . .	Jamaica . . . .	6062.7	2272.9	
76	Black Dogwood . . .	Ditto . . . . .	6062.7	2272.9	
67	Locust Tree . . . . .	Ditto . . . . .	6062.7	2272.9	
75	Green Mahogany . .	Ditto . . . . .	6062.7	2272.9	
9	Stringy Bark . . . .	New South Wales	5795.9	2173.7	
53	Prickle Yellow . . .	Jamaica . . . .	5731.9	2149.4	
55	Wild Tamarind . . .	Ditto . . . . .	5643.7	2116.4	
58	Fiddle Wood . . . . .	Ditto . . . . .	5511.5	2065.7	
42	Box Wood . . . . .	Ditto . . . . .	5511.5	2065.7	
34	Wallaba . . . . .	British Guiana .	5511.5	2065.7	
37	Crabwood . . . . .	Ditto . . . . .	5511.5	2065.7	
54	Lignum Vitæ . . . .	Jamaica . . . .	5511.5	2065.7	
70	Red Bully Tree . . .	Ditto . . . . .	5511.5	2065.7	
8	True Box of Camden .	New South Wales	5448.1	2041.4	
31	Cartan . . . . .	British Guiana .	4960.3	1855.4	
20	Houbaballi . . . . .	Ditto . . . . .	4737.7	1776.9	
77	Sweet Orange . . . .	Jamaica . . . .	4629.7	1735.0	
72	Calabash . . . . .	Ditto . . . . .	4518.2	1694.0	
49	Wild Orange . . . . .	Ditto . . . . .	4409.2	1653.4	From St. Catherine's Parish.
57	French Oak . . . . .	Ditto . . . . .	4409.2	1653.4	
36	Silverballi . . . . .	British Guiana .	4299.0	1611.5	
63	Blue Mahoe . . . . .	Jamaica . . . .	4299.0	1611.5	
56	Bitter Wood . . . . .	Ditto . . . . .	3747.8	1404.3	
51	Cedar . . . . .	Ditto . . . . .	3196.7	1199.3	
62	Yacca . . . . .	Ditto . . . . .	2204.6	826.7	

TABLE III.—CRUSHING STRAINS.

*In this Table the Woods are arranged according to their Value in the Third Series of Experiments.*

No. of Specimen.	Name of Wood.	Colony.	Crushing Weight applied in Direction of Fibre, Dimensions, one inch cube.	No. of Specimen.	Name of Wood.	Colony.	Crushing Weight applied in Direction of Fibre, Dimensions, one inch cube.
			Lbs.				Lbs.
27	Black Heart Ebony.	Jamaica	18959*5	24	Purple heart	British Guiana.	9920*7
28	Iron Wood or Red Wood.	Ditto	17636*8	15	Mahogany	New South Wales.	9920*7
28	Sipiri Bibiru, or Green-heart.*	British Guiana.	15433*2	17	Cabacalli	British Guiana.	9920*7
48	Small Leaf	British Guiana.	15433*2	18	Mora	Ditto	9920*7
61	Neesberry	Ditto	14329*9	31	Cartan	British Guiana.	9920*7
19	Bullet Tree.	Ditto	14105*6	11	Bastard Box	New South Wales.	9700*2
23	Letter Wood or Snake Wood.	Ditto	12237*6	71	Tamarind	Jamaica.	9256*8
23	Wild Mammee	Ditto	12237*6	8	True Box of Camden.	New South Wales.	8818*0
20	Ducaballi	Ditto	12227*6	6	Blue Gum of Camden.	Ditto	8818*4
26	Rough-leaved, Rough-barked Iron Bark.	New South Wales.	12227*6	12	Swamp Mahogany.	Ditto	8818*4
25	Kakaralli	British Guiana.	13227*6	9	Stringy Bark, Camden.	Ditto	8818*4
49	Wild Orange†	Jamaica	13227*6	22	Bartaballi	British Guiana.	8818*4
25	Wamara or Brown Ebony.	British Guiana.	12566*2	26	Barracara	Ditto	8818*4
44	Satin Candlewood.	Jamaica	12562*8	32	Kaieeri-Balli	Ditto	8818*4
53	Buhuradda	British Guiana.	12125*3	39	Simeri or Locust Tree.	Ditto	8818*4
21	Monkey Pot.	Ditto	12125*3	37	Crab Wood	Ditto	8818*4
27	Cog Wood	Jamaica	12122*0	42	Box Wood	Jamaica	8818*4
47	Sipiri or Greenheart.†	British Guiana.	12125*3	50	Gynip	Ditto	8818*4
52	Fustic	Jamaica	12125*3	53	Prickle Yellow.	Ditto	8818*4
29	Cuamara or Tonka.	British Guiana.	11463*9	68	Beech	Ditto	8818*4
76	Black Dogwood	Jamaica	11023*0	63	Blue Mahoe	Ditto	8818*4
66	Willow-leaved Bastard Bullet Tree.	Ditto	11023*0	65	Wild Mahogany.	Ditto	8818*4
1	Water Gum	New South Wales.	11020*0	55	Wild Tamarind.	Ditto	8705*8
3	Black Butt	Ditto	11020*0	36	Silverballi	British Guiana.	7716*1
2	Mountain Ash	Ditto	11020*0	75	Green Mahogany.	Jamaica	7716*1
28	White Cedar	British Guiana.	9920*7	67	Locust	Ditto	7716*1
40	Buckati	Ditto	9920*7	59	Broad Leaf	Ditto	7716*1
41	Sirabuliballi	Ditto	9920*7	4	Woolly Butt	New South Wales.	
59	Sweet Wood	Jamaica	9920*7	14	Hickory	Ditto	7052*8
64	Lignum Vitæ	Ditto	9920*7	34	Wallaba	British Guiana.	6615*8
5	Iron Bark	New South Wales.	9920*7	45	Lance Wood	Jamaica	6613*8
60	Cashaw	Jamaica	9920*7	51	Cedar	Ditto	6613*8
64	Prune	Ditto	9920*7	57	French Oak	Ditto	6613*8
69	Bastard Cabbage Bark Tree.	Ditto	9920*7	58	Fiddle Wood	Ditto	6613*8
70	Red Bully	Ditto	9920*7	62	Yacca	Ditto	6613*8
77	Box of Illawarra.	New South Wales.	9920*7	74	Yellow Sanders.	Ditto	6613*8
16	Grey Gum	Ditto	9920*7	72	Calabash	Ditto	5511*5
				10	Forest Swamp Oak.	New South Wales.	5511*5
				20	Houbaballi	British Guiana.	5511*5
				56	Bitter Wood	Jamaica	5511*5

\* Black variety.

† From Metcalfe Parish.

‡ Yellow variety.

TABLE IV.

*In this Table the Woods are placed according to their Value in the Fourth Series of Experiments.*

No. of Specimen.	Name of Wood.	Colony.	Specimens, 1 in. square. Decimals of an inch.	No. of Specimen.	Name of Wood.	Colony.	Specimens, 1 in. square. Decimals of an inch.
54	Lignum Vitæ	Jamaica	0·01	31	Cartan	British	0·35
43	Iron Wood or Red Wood.	Ditto	0·02			Guiana.	
46	Black Heart Ebony.	Ditto	0·02	10	Forest Swamp Oak.	New South Wales.	0·35
29	Cuamara or Tonka.	British Guiana.	0·06	45	Lance Wood.	Jamaica	0·37
48	Small Leaf.	Jamaica	0·07	39	Simari or Locust Tree.	British Guiana.	0·37
27	Sipiri or Greenheart.	British Guiana.	0·08	31	Sirabuliballi.	Ditto	0·40
30	Ducaballi.	Ditto	0·09	26	Baracara.	Ditto	0·42
47	Cog Wood.	Jamaica	0·09	74	Yellow Sanders.	Jamaica	0·43
61	Neesberry Bullet Tree.	Ditto	0·09	75	Green Mahogany.	Ditto	0·43
52	Fustic.	Ditto	0·09	16	Grey Gum.	New South Wales.	0·44
24	Purple Heart.	British Guiana.	0·10	67	Locust.	Jamaica	0·45
19	Letter Wood or Snake Wood.	Ditto	0·10	23	Wild Mamme.	British Guiana.	0·45
2	Mountain Ash.	New South Wales.	0·12	57	French Oak.	Jamaica	0·46
25	Wamara or Brown Ebony.	British Guiana.	0·11	37	Crab Wood.	British Guiana.	0·46
44	Satin Candlewood.	Jamaica	0·11	22	Bartaballi.	Ditto	0·47
50	Gynip.	Ditto	0·15	14	Hickory.	New South Wales.	0·47
76	Black Dogwood.	Ditto	0·17	8	True Box of Camden.	Ditto	0·50
1	Water Gum.	New South Wales.	0·18	51	Cedar.	Jamaica	0·50
70	Red Bully Tree.	Jamaica	0·19	72	Calabash.	Ditto	0·50
18	Mora.	British Guiana.	0·19	62	Yacca.	Ditto	0·50
49	Wild Orange.	Jamaica	0·19	38	White Cedar.	British Guiana.	0·50
79	Sweet Wood.	Ditto	0·20	59	Broad Leaf.	Jamaica	0·51
35	Kakaralli.	British Guiana.	0·20	20	Houbaballi.	British Guiana.	0·51
4	Woolly Butt.	New South Wales.	0·21	65	Wild Mahogany.	Jamaica	0·52
60	Cashaw.	Jamaica	0·25	5	Iron Bark.	New South Wales.	0·52
17	Cabacalli.	British Guiana.	0·26	9	Stringy Bark of Camden.	Ditto	0·52
3	Blue Gum of Camden.	New South Wales.	0·26	36	Siruballi.	British Guiana.	0·56
42	Box Wood.	Jamaica	0·28	33	Buhuradda.	Ditto	0·56
64	Prune.	Ditto	0·28	3	Black Butt.	New South Wales.	0·56
32	Kateeri Balli.	British Guiana.	0·28	56	Bitterwood.	Jamaica	0·57
66	Willow-leaved Bastard Bullet Tree.	Jamaica	0·30	13	Rough-leaved Rough-barked Iron Bark.	Ditto	0·57
68	Beech.	Ditto	0·31	21	Monkey Pot.	British Guiana.	0·59
40	Buckati.	British Guiana.	0·33	53	Prickle Yellow.	Jamaica	0·59
15	Mahogany.	New South Wales.	0·33	58	Fiddlewood.	Ditto	0·61
69	Bastard Cabbage Bark Tree.	Jamaica	0·34	63	Blue Mahoe.	Ditto	0·64
71	Tamarind.	Ditto	0·35	55	Wild Tamarind.	Ditto	0·65
				7	Box of Illawarra.*	New South Wales.	—
				11	Bastard Box†	Ditto	—
				34	Wallaba†	British Guiana.	—

\* Fracture at 2000.

† Fracture at 1800.

‡ 49 at 1500.

TABLE V.

*The Ratio of the Breaking Weight to the Specific Gravity of each Wood.*

No. of Specimen.	Name of Wood.	Breaking Weight divided by Specific Gravity.	No. of Specimen.	Name of Wood.	Breaking Weight divided by Specific Gravity.
40	Iron Wood . . . . .	15.188	2	Mountain Ash . . . . .	8.885
42	Bartaballi . . . . .	13.228	59	Locust Tree . . . . .	8.731
43	Satin Candle Wood . . . . .	12.782	6	Blue Gum . . . . .	8.501
44	Sirabuliballi . . . . .	11.838	16	Grey Gum . . . . .	8.444
7	Box of Illawarra . . . . .	11.821	55	Prickle Yellow . . . . .	8.290
25	Brown Ebony . . . . .	11.726	54	Lignum Vitæ . . . . .	8.210
83	Buhuradda . . . . .	11.645	72	Calabash . . . . .	8.111
27	Sipiri or Greenheart . . . . .	11.611	17	Cabacalli . . . . .	8.026
45	Lance Wood . . . . .	11.431	63	Blue Mahoe . . . . .	8.019
46	Black Heart Ebony . . . . .	11.393	65	Wild Mahogany . . . . .	7.987
21	Monkey Pot . . . . .	11.362	42	Box Wood . . . . .	7.873
49	Wild Orange . . . . .	11.278	36	Silverballi . . . . .	7.863
19	Letter Wood . . . . .	11.267	59	Broad Leaf . . . . .	7.794
48	Small Leaf . . . . .	10.862	58	Fiddle Wood . . . . .	7.790
68	Beech . . . . .	10.722	74	Yellow Sanders . . . . .	7.752
29	Cuamara or Tonka . . . . .	10.609	1	Water Gum . . . . .	7.728
5	Iron Bark . . . . .	10.533	71	Tamarind . . . . .	7.654
26	Baracara . . . . .	10.532	64	Prune . . . . .	7.524
18	Mora . . . . .	10.520	55	Wild Tamarind . . . . .	8.454
14	Hickory . . . . .	10.421	66	Bastard Bullet Tree . . . . .	7.348
30	Ducaballi . . . . .	10.296	32	Kaieeri-balli . . . . .	7.115
11	Bastard Box . . . . .	10.269	89	Bastard Cabbage Bark . . . . .	7.081
78	White Dogwood . . . . .	10.052	50	Gynip . . . . .	7.065
13	Rough-leaved Iron Bark . . . . .	9.846	31	Cartau . . . . .	8.979
3	Black Butt . . . . .	9.810	60	Cashaw . . . . .	8.752
28	Sipiri, or Greenheart . . . . .	9.615	56	Bitter Wood . . . . .	8.708
12	Swamp Mahogany . . . . .	9.585	2	Stringy Bark . . . . .	8.519
40	Buckati . . . . .	9.502	76	Black Dogwood . . . . .	8.240
61	Bullet Tree . . . . .	9.483	4	Woolly Butt . . . . .	8.904
15	Mahogany . . . . .	9.448	77	Sweet Orange . . . . .	5.849
24	Purple Heart . . . . .	9.415	20	Houbaballi . . . . .	5.694
79	Timber Sweet Wood . . . . .	9.402	57	French Oak . . . . .	5.611
10	Forest Swamp Oak . . . . .	9.401	8	True Box of Camden . . . . .	5.549
38	White Cedar . . . . .	9.295	51	Cedar . . . . .	5.518
37	Crab Wood . . . . .	9.140	70	Red Bully Tree . . . . .	5.325
75	Green Mahogany . . . . .	9.124	34	Wallaba . . . . .	5.010
67	Locust . . . . .	8.981	49	Wild Orange . . . . .	3.521
52	Fustic . . . . .	8.900	62	Yacca . . . . .	
47	Cogwood . . . . .	8.889			

No. 73. Botanical name, *Guaiacum officinale*, see No. 54, Specimen 2.

## INDEX OF WOODS TESTED IN FOREGOING EXPERIMENTS.

No. of Specimen.	Name of Wood.	Colony.	No. of Specimen.	Name of Wood.	Colony.
1	Water Gum . .	New South Wales.	39	Locust Tree . .	British Guiana.
2	Mountain Ash . .	Ditto.	40	Buckati . .	Ditto.
3	Black Butt . .	Ditto.	41	Sirabuliballi . .	Ditto.
4	Woolly Butt . .	Ditto.	42	Box Wood . .	Jamaica.
5	Iron Bark . .	Ditto.	43	Iron Wood . .	Ditto.
6	Blue Gum . .	Ditto.	44	Satin Candlewood . .	Ditto.
7	Box of Illawarra . .	Ditto.	45	Lancewood . .	Ditto.
8	True Box of Camden . .	Ditto.	46	Black Heart Ebony . .	Ditto.
9	Stringy Bark . .	Ditto.	47	Cog Wood . .	Ditto.
10	Forest Swamp Oak . .	Ditto.	48	Small Leaf . .	Ditto.
11	Bastard Box . .	Ditto.	49	Wild Orange . .	Ditto.
12	Swamp Mahogany . .	Ditto.	50	Gynip . .	Ditto.
13	Rough-leaved Iron Bark . .	Ditto.	51	Cedar . .	Ditto.
14	Hickory . .	Ditto.	52	Fustic . .	Ditto.
15	Mahogany . .	Ditto.	53	Prickle Yellow . .	Ditto.
16	Grey Gum . .	Ditto.	54	Lignum Vitæ . .	Ditto.
17	Cabacalli . .	British Guiana.	55	Wild Tamarind . .	Ditto.
18	Mora . .	Ditto.	56	Bitterwood . .	Ditto.
19	Letter Wood . .	Ditto.	57	French Oak . .	Ditto.
20	Houbaballi . .	Ditto.	58	Fiddle Wood . .	Ditto.
21	Monkey Pot . .	Ditto.	59	Broad Leaf . .	Ditto.
22	Bartaballi . .	Ditto.	60	Cashaw . .	Ditto.
23	Wild Mammee . .	Ditto.	61	Bullet Tree . .	Ditto.
24	Purple Heart . .	Ditto.	62	Yacca . .	Ditto.
25	Brown Ebony . .	Ditto.	63	Blue Mahoe . .	Ditto.
26	Baracaria . .	Ditto.	64	Prune . .	Ditto.
27	Sipiri, or Green-heart, Yellow . .	Ditto.	65	Wild Mahogany . .	Ditto.
28	Sipiri, or Green-heart, Black . .	Ditto.	66	Bastard Bullet Tree . .	Ditto.
29	Cusmara or Tonka . .	Ditto.	67	Locust . .	Ditto.
30	Ducaballi . .	Ditto.	68	Beech . .	Ditto.
31	Cartan . .	Ditto.	69	Cabbage Bark Tree . .	Ditto.
32	Kaleeri-balli . .	Ditto.	70	Red Bully Tree . .	Ditto.
33	Buhuradda . .	Ditto.	71	Tamarind . .	Ditto.
34	Wallaba . .	Ditto.	72	Calabash . .	Ditto.
35	Kakaralli . .	Ditto.	73	Lignum Vitæ . .	Ditto.
36	Silverballi . .	Ditto.	74	Yellow Sanders . .	Ditto.
37	Crab Wood . .	Ditto.	75	Mahogany . .	Ditto.
38	White Cedar . .	Ditto.	76	Black Dogwood . .	Ditto.
			77	Sweet Orange . .	Ditto.
			78	White Dogwood . .	Ditto.
			79	Timber Sweetwood . .	Ditto.

LONDON :

[2875.—500.—6/67.]